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JOHN P. WRIGHT

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POOR'S

DIRECTORY OF RAILWAY OFFICIALS

AND

MANUAL OF AMERICAN STREET RAILWAYS,

CONTAINING

LISTS OF THE OFFICIALS OF ALL THE RAILROADS IN OPERATION IN THE WESTERN HEMISPHERE.

EDITION OF AUGUST, 1890.

FIFTH ANNUAL NUMBER.

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PREFACE.

In presenting this edition of Poor's Directory of Railway Officials, it is proper to explain that this book is simply a reprint for convenience of the Appendix to Poor's Manual of Railroads for 1890, being pages 1142 to 1424 of the Manual for 1890, which has just been published. In 1886 the Manual published a supplementary work designed to supply in convenient form for reference the names of all persons connected, in an official capacity, with the Railroad Interest in this country. The Manual of Railroads had previously given a portion of this information—that is, the names of the leading Officers and Directors of the Railroad Companies. A demand, however, having arisen for lists of these names in a form convenient for reference, as well for an extension to a wider range, and the Manual being already overcrowded with the financial information which it is its province to present, it was decided to make a separate publication. In Poor's Directory of Railway Officials, then issued for the first time, the most elaborate and comprehensive lists of railway officials ever compiled in this country were given, and in addition much other information frequently sought after, such as the names of the Officers of Railways in other countries in the Western Hemisphere, and the names and addresses of officials of street and private tramways, with details of track, equipment, cost, earnings, etc. To these lists have been added in recent years, at the suggestion of numerous subscribers, special lists of the heads of the mechanical, operating, and supply departments, and it is believed that the work now covers thoroughly the field which it was designed to cover.

In 1888 the lists contained herein were first bound with the Manual, but were also published separately. In 1889 the separate edition was suspended. It is now resumed in response to the large and growing demand for a work of this character from those whose chief interest in steam railways is in procuring comprehensive lists of officials; from those who have dealings with street and logging tramways; and again from those manufacturers who desire to extend their operations in the countries south of us. For such this edition is published. An effort will always be made to keep this work up to a point of excellence that

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will command support, and no labor will be spared to improve it wherever improvement may be found desirable.

This edition is issued without advertisements except such as are interspersed among the pages of lists. In the back of the book (on the pink pages) is reprinted the alphabetical and classified indexes to advertisers in the current edition of POOR'S MANUAL OF RAILROADS, which will be found a complete catalogued directory of the leading houses in this country engaged in the work of manufacturing or supplying railroads and their affiliated interests with all their requirements. Attention is further directed to the list of representative banks, bankers, trust and insurance companies, and other financial institutions whose advertisements will be found in the MANUAL.

The publication of a separate work of this kind having been resumed, no effort will be spared to make its continuance permanent. Many new and valuable features will be added in succeeding editions, and an attempt made to remedy any inadequacies or deficiencies of the present volume.

H. V. & H. W. POOR.

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APPENDIX

TO

POOR'S MANUAL OF RAILROADS

1890,

Containing Statements of the Debts of the several States; Statement of Dividends paid by the Railroad Companies of the country for eight years; Officials of Railroad Companies, etc., etc.

STATE DEBTS AND LIABILITIES.

☞ Issues marked (*), not now paying interest; marked (-), repudiated; (†) held by State Trust Funds, and not on market.

Classification of Securities.	Date of Issue.	Date of Maturity.	Interest Payable.		Am't of B'ds Outstanding.	Annual Charge.
			p.c.		$	$
Alabama (April 1, 1890):						
Bonds (A), for "Straight S. B'ds," $7,000,000..	July 1, 1876	July 1, 1906	4 & 5	Jan. & July	6,783,700	271,348
Bonds (B), for RR. Indorsements, $542,500...	July 1, 1876	July 1, 1906	5	Jan. & July	539,000	26,950
Bonds (C), for Ala. & Ch. RR. B'ds, $997,000..	July 1, 1876	July 1, 1906	4	Jan. & July	962,000	38,440
Currency Funding Bonds.....	Jan. 1, 1890	Jan. 1, 1920	4	Jan. & July	954,000	38,160
Arkansas (January 1, 1890):						
*Bonds issued to State Bank.....	Jan. 1, 1837	Jan. 1, 1887	6	Jan. & July	108,000	6,480
*Bonds issued to Real Estate Bank (A & C).....	Jan. 1, 1839	Jan. 1, 1869	6	Jan. & July	573,000	34,380
*Funding Bonds of 1869 and 1870.....	1869-1870	1899-1900	6	Jan. & July	793,000	47,580
-Funding Bonds of 1870 (Holford).....	1869-1870	1899-1900	6	Jan. & July	500,000	30,360
Sinking-Fund Bonds of 1874-75 (Loughboro)...	Jan. 1, 1875	Jan. 1, 1905	6	Jan. & July	100,000	6,000
Ten-year Bonds of 1874.	July 1, 1874	July 1, 1884	10	Jan. & July	261,500	26,150
-Levee Bonds or Warrants.....	July 1, 1871	July 1, 1901	7	Jan. & July	1,986,773	139,874
-Bonds to Memphis and Little Rock RR.....	Apr. 1, 1869	Apr. 1, 1899	7	Apr. & Oct.	1,200,000	84,000
-Bonds to other Railroads.....	Apr. 1, 1870	Apr. 1, 1900	7	Apr. & Oct.	4,150,000	290,500

Alabama.—Under Adjustment Act of Feb. 23, 1876, State issued in exchange for old "Straight State bonds," substitution (A) bonds, bearing 2 per cent. interest for first 5 years; 3 per cent. for next 5 years; 4 per cent. for next 10 years; and 5 per cent. thereafter to maturity. Railroad indorsements were exchanged for bonds (B), bearing full interest, 5 per cent. State indorsements for the Alabama and Chattanooga RR. were exchanged for bonds (C), bearing 2 per cent. interest until 1855, and 4 per cent. thereafter. All these bonds run 30 years, and are payable (except 6s of 1880, which are payable in Montgomery), principal and interest, at American Exchange National Bank, New York. The fours of 1890 were issued in exchange for 6 per cent. funding obligations. Total funded debt, $9,238,700. The limit of each issue is stated in the table above. Assessed valuation, 1880, $123,757,073; 1881, $132,920,115; 1882, $151,530,551; 1883, $158,518,157; 1884, $167,124,594; 1885-86, $172,528,923; 1886-87, $214,925,869; in 1889, $242,197,531. State receipts for year ending October 1, 1889, $1,583,003.04; expenditures, $1,757,766.99; excess, expenditures, $174,763.95. Tax levy, 1888-89, $1,063,085.78; tax-rate, 45 cents per $100; population, 1,500,000; valuation per capita, $161.46; tax levy per capita, $0.70.

Arkansas.—Interest in default on all securities except the sinking fund and the 10-year bonds of 1874. The old bank bonds are held by the U. S. Treasury. The State has been in default on interest payments since 1841, but under Act of 1887 overdue coupons were made exchangeable for certificates of indebtedness, which are receivable for certain accounts and dues. The "Holford" bonds (1870) are not recognized by the State as a valid part of her debt, and the Supreme Court of Arkansas has decided that the "Levee" bonds and warrants and "railroad aid" bonds are null and void. Total acknowledged debt, $1,980,100; total, including overdue interest, $4,815,485. Assessed valuation of real estate, $96,339,249; personal estate, $60,615,353; total, $156,954,602. Rate of taxation for 1889, 5 mills; population, 1,250,000; valuation per capita, $125.56; taxation per capita, $0.63

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Classification of Securities.	Date of Issue.	Date of Maturity.	Interest Payable.		Am't of B'ds Outstanding.	Annual Charge.
California (January 1, 1890):			p.c.		$	$
*Funded Debt Bonds of 1873 (Act of 1870)	July 1, 1873	July 1, 1893	6 g.	Jan. & July	2,638,000	158,280
Colorado (January 1, 1889):						
Treasury Warrants	Various.	Various.	6	Various.	839,824	50,389
Connecticut (June 30, 1889):						
New bonds (sk. fd.) not taxable, coup. or reg.	Jan. 1, 1883	Jan. 1, 1903	3½	Jan. & July	500,000	17,500
New bonds, reg., not taxable (s. f.)	Jan. 1, 1884	Jan. 1, 1903	3½	Jan. & July	1,000,000	35,000
New bonds, coup. or reg., not taxable	Oct. 1, 1885	Oct. 1, 1910	3	Apr. & Oct.	1,740,000	52,200
Reg. bonds, receivable at will, not taxable	May 1, 1887	May 1, 1897	3½	May & Nov.	500,000	17,500
Delaware (Jan. 1, 1890):						
Refunding bonds, Series "B"	July, 1881	1886–1891	4	Jan. & July	50,000	2,000
Refunding bonds, Series "C"	July, 1881	1891–1901	4	Jan. & July	165,000	6,600
Bonds redeemable after June 1, 1895	June, 1885	June 1, 1895	4	June & Dec.	120,000	4,800
School bond	July 1, 1881	Jan. 1, 1906	6	Annually.	156,750	9,405
Certificates of Indebtedness (Del. College)	July 1, 1877	.....	6	Jan. & July	83,000	4,980
Refunding bonds, to refund part of Series B	July 1, 1887	1897–1907	3	Jan. & July	250,000	7,500
Bonds, to purchase Insane Hospital	July 1, 1889	1892–1899	3½	Jan. & July	75,000	2,625
District of Columbia (Jan. 1, 1890):						
Perm't Imp. B'ds (Acts, July 10, Dec. 16, 1871)	July 1, 1872	July 1, 1891	6 g.	Jan. & July	2,889,100	170,346
Do. (Act of June 23 and 25, 1873)	July 1, 1873	July 1, 1891	7	Jan. & July	433,700	30,359
Bonds for Funding, 1879	July 1, 1869	July 1, 1899	5	Jan. & July	870,400	43,520
Funding bonds, guar. by U. S. currency	Aug. 1, 1874	Aug. 1, 1924	3.65	Feb. & Aug.	14,033,600	512,264
Market Stock (Acts, Aug. 23, '71, June 19, '72)	July 26, 1872	July 26, 1892	7	Jan. & July	44,900	3,143
Water Stock (Acts, July 20, '71, & June 26, '73)	1871–1873	1901–1903	7	Jan. & July	369,000	25,830
Three-year bonds (Emery), currency	July 30, 1870	July 30, 1873	7.3	Ceased.	100	.....
Funding bonds (Act of May 8, 1872), gold	July 1, 1872	July 1, 1892	6	Jan. & July	891,050	53,463
Funding bonds (Act of June 20, 1872), gold	Nov. 1, 1872	Nov. 1, 1892	6	May & Nov.	589,100	35,346
Florida (Jan. 1, 1889):						
Bonds of 1871	July 1, 1871	July 1, 1901	7	Jan. & July	350,000	24,500
Bonds of 1873 (consols.)	Jan. 1, 1873	Jan. 1, 1903	6 g.	Jan. & July	925,000	55,500
Georgia (January 1, 1890):						
–Gold bonds (Act of Sept. 15, 1870)	Oct. 1, 1870	Oct. 1, 1890	7 g.	J.,A.,J.&O.	2,098,000	146,800
–Bonds (Act of Jan. 18, 1872)	May 1, 1872	May 1, 1892	7	Jan. & July	307,500	21,525
–Bonds for coupons (Act of Feb. 24, 1876)	July 1, 1876	July 1, 1896	7	Jan. & July	542,000	37,940
Funding bonds (Act Dec. 23, 1884)	1885	July 1, 1915	4½	Jan. & July	3,392,000	152,640
Refunding bonds ($100,000 due yearly 1898–1916)	Jan. 1, 1888	1898–1916	4½	Jan. & July	4,041,000	181,845
–Obligation issued to Trustees State University	1882–83	1933–36	7	Various.	254,000	17,780

California.—There are also outstanding $5,000 State bonds of 1857 and $500 State bonds of 1860, upon which interest has ceased. State holds in trust for School and University funds, $2,359,000 bonds of 1873, leaving $279,000 in hands of private parties. The State pays 6 per cent. on $1,500,000 bonds issued by the Central Pacific Railroad Company. All bonds, principal and interest, are payable in gold coin. Assessed valuation—In 1885, real, $688,311,102; personal, $171,201,382; tax rate, $5.44; in 1886, real, $664,509,568; personal, $151,937,132; tax-rate, $5.60; in 1887, real, $789,960,601; personal, $165,475,238; tax-rate, $6.08; in 1888, real, $934,433,605; personal, $172,672,722; tax-rate, $5.04; in 1889, real, $940,929,143; personal, $170,661,836; tax-rate, $7.22. Year ending June 30, 1888: State receipts, $7,049,868.99; expenditures, $6,599,066.07. Population, 1,500,000. Valuation per capita, $741.06.

Colorado.—Has no funded debt. Has issued warrants which are called in by advertisement at pleasure of State. Valuation, 1888, $168,812,247. Rate of taxation, 2.43 mills, raised in 1888, $410,776.38. Population, 400,000. Valuation per capita, $422.03; taxation per capita, $1.03. On January 1, 1889, cash in treasury amounted to $1,400,572.81; invested in State warrants, $620,000; State debt, $300,000.

Connecticut.—The debt of Connecticut was created originally for war purposes. Assessed valuation of real and personal estate, 1882, $342,242,566; 1883, $348,874,879; 1884, $349,977,539; 1885, $349,177,597; 1886, $349,725,773; 1887, $352,795,926; 1888, $354,557,515. State receipts, 1888-89, $1,923,894.16; expenditures, $2,145,220.94. Tax-rate, $1 on $1,000. Assessed valuation ofr eal estate is abont 70 per cent of the true value. Population, $750,000. Valuation per capita, $472.74.

Delaware.—The debt of this State was created altogether for war purposes and loans to railroad companies. The refunding bonds were issued to take up these loans. There is no State tax levied, nor assessments made by State officers. Total assets, January 1, 1890, $1,200,470; liabilities, $899,750; excess of assets, $300,720. Population, 175,000.

District of Columbia.—Total funded debt, $20,070,950. Interest on the 3.65 per cents. is provided for by the National Treasury, under Acts of Congress of June, 1874, February and March, 1875. By Act of June, 1878, the Secretary of the Treasury is directed to pay to the District authorities 50 per cent. of the annual estimates for the maintenance of the District.

Florida.—Of the total debt, $242,500 is held by the sinking fund for the bonds of 1871 and 1873, and $65,200 by other State trusts, leaving in the hands of the public $882,300. Of the bonds of 1857, $132,000 is held by the Indian Trust Fund. The State Supreme Court has adjudged the State not bound by the railroad loan. Assessed valuation, $86,265,662; tax-rate, 4½ mills. State receipts (1886-87), $497,486; expenditures, $407,806. Population, 375,000. Valuation per capita, $204.30; tax per capita, $0.98.

Georgia.—All acknowledged bonds provided for. Bonds issued under Acts of September 15, 1870, and January 18, 1872, were for renewal of old bonds, etc., under Act of February 24, 1876, to pay interest on M. & B., N. & S. bonds; under Act of December 14, 1878, to redeem maturing bonds. Constitution of 1877 declares the invalidity of certain bonds. Taxable property for year 1888, $357,167,458; in 1887, $316,605,329; in 1886, $329,489,505; 1885, $321,695,616; 1884, $317,074,271. Tax-rate in 1888, 3.5 mills. Amount of levy (1888), $1,839,354.84. Receipts into treasury, year 1888, $1,900,692.21, of which $300,000 was from the Western and Atlantic RR. for rent, and the balance from taxes of various kinds, licenses, convict labor, etc. The payments by treasury amounted to $2,019,103.07. Balance remaining in treasury October 1, 1888, $231,351.52. Population, 2,041,669. An issue of bonds limited to $1,900,000 was authorized by act approved Oct 23, 1889, and bids for such bonds are now (March, 1890) being invited.

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Classification of Securities.	Date of Issue.	Date of Maturity.	Interest Payable.		Am't of Bonds.	Annual Charge.
Indiana (November 1, 1889) (biennial):			p. c.		$	$
State Stock Certificates	July 1, 1845	July 1, 1866	5	Jan. & July	14,470	.....
State Stock Certificates	July 1, 1845	July 1, 1866	2½	Jan. & July	2,145	.....
Temporary Loan, Refunded Bonds	1885	April 1, 1895	3½	Mar. & Sep	585,000	20,475
Registered Temporary Loan Bonds	1885	April 1, 1895	3½	Apr. & Oct.	600,000	21,000
Registered State House B'ds, Temporary Loan	1885	April 1, 1895	3½	May & Nov.	500,000	17,500
Registered Bonds, Temporary Interest Loan	April 1, 1887	April 1, 1892	3	Apr. & Oct.	340,000	10,200
Registered Bonds, Temporary Interest Loan	April 1, 1888	April 1, 1892	3	Apr. & Oct.	340,000	10,200
School Fund Refunding Loan, Registered	June 18, 1889	June 18, 1909	3	June & Dec.	3,905,000	117,150
Bond held by Purdue University	.....	April 1, 1901	5	Quarterly.	340,000	17,000
State University (Bloomington) Bond	Oct. 1, 1885	.....	5	Semi-Ann.	144,000	7,200
Temporary Interest Loan, Registered	April 1, 1889	April 1, 1894	3	Apr. & Oct.	370,000	11,100
Temporary Loan, Registered	April 1, 1889	April 1, 1899	3	Apr. & Oct.	700,000	21,000
Temporary Loan, Registered	Sept. 20, 1889	Sept. 20, 1899	3	Mar. & Sep.	700,000	21,000
Kansas (January 1, 1890) (biennial):						
Public Imp. Bonds (Act of Feb. 27, 1866)	July 1, 1866	July 1, 1896	7	Jan. & July	70,000	4,900
Penitentiary Bonds (Act of Feb. 26, 1867)	July 1, 1867	July 1, 1897	7	Jan. & July	100,000	7,000
Capitol Bonds (Act of Feb. 19, 1867)	July 1, 1867	July 1, 1897	7	Jan. & July	100,000	7,000
Capitol Bonds (Act of March 3, 1868)	July 1, 1868	July 1, 1898	7	Jan. & July	150,000	10,500
Penitentiary Bonds (Act of March 3, 1868)	July 1, 1868	July 1, 1898	7	Jan. & July	50,000	3,500
Insane Asylum Bonds (Act of March 3, 1868)	June 18, 1868	July 1, 1898	7	Jan. & July	20,000	1,400
State-House Bonds (Act of March 3, 1869)	Jan. 1, 1869	July 1, 1899	7	Jan. & July	70,000	4,900
Military Contingent Bonds (Act of Feb. 26, 1869)	Jan. 1, 1869	July 1, 1899	7	Jan. & July	89,000	6,230
Destitute Frontier Bonds (Act of Sept. 21, 1874)	Oct. 15, 1874	Oct. 15, 1894	7	Apr. & Oct.	12,500	625
Indian Inv. (1874-75) Bonds (Act of Mar. 6, 1875)	Mar. 15, 1875	Mar. 15, 1895	7	Mar. & Sep.	36,500	2,355
Refunding Bonds	.....	.....	4	Jan. & July	103,000	4,120
Kentucky (June 30, 1889):						
Certificates of Indebtedness, gold, $1,000	June 1, 1885	June 1, 1905	4	June & Dec.	500,000	20,000
†Military Bonds of 1864 (15-30 year)	Mar. 1, 1864	Mar. 1, '79, '94	6	Mar. & Sep.	174,000	10,440
†Bonds to Board of Education (not redeemable)	Various.	Various.	6	Annually.	1,705,947	102,357
Louisiana (January 1, 1890):						
Consolidated Funded Bonds	Jan. 1, 1874	Jan. 1, 1914	4	Jan. & July	11,845,400	473,816
Constitutional Bonds	Jan. 1, 1880	Jan. 1, 1914	4	Jan. & July	287,650	11,506
Par Certificates (fundable)	.....	.....	..	.....	40,076	.....

Indiana.—The total debt is $8,056,615.12, of which $4,388,783.22, the amount of the school debt, is held by the State school fund. This statement does not include the Wabash and Erie Canal debt ($6,522,475), regarding the State's liability for which there is an important legal question. The State relinquished the canal to the bondholders in consideration of their claims, and regarded the transfer a final settlement. Valuation for 1888, $769,747,000; for 1887, $757,148,000; for 1886, $759,450,000. Total receipts, except school fund, for the year ending October 31, 1889—taxes, $1,013,720.27; earnings of prisons, benevolent institutions and minor sources, $620,801.75; sale of bonds, including premiums on same, $1,851,385.61—total, $3,485,907.63. Disbursements, $2,770,307.74. School revenue fund: School tax, $1,354,939.37; school fund interest, $269,216.36; sale school fund refunding bonds, $3,905,000; interest on non-negotiable school bonds, $174,413.64; delinquent school tax and other sources, $171,286.20—total receipts, $5,874,856.27. Disbursements, $5,922,056.18. Liquor licenses, $344,919.15. Special tax levy by cities, $1,718,039.86. Total amount raised for school purposes and disbursed for the entire common school establishment of the State for 1889, $5,281,839.66. Tax-rate per $100—for general purposes, 12 cents; school tax, 16 cents; endowment tax, State University, 5 mills; poll tax, 50 cents. Population, 2,250,000. Valuation per capita, $386.50. Tax per capita, $1.05.

Iowa.—Total debt, June 30, 1889, $245,435.19, consisting of $112,295.75 8 per cent. permanent school fund, issued November 12, 1864; $112,302.20 ditto, issued March 2, 1866; $8,858.14 ditto, issued November 1, 1871; $2,279.04 ditto, issued January 5, 1875. Assessed valuation, June 30, 1889—real estate, $374,753,112; personality, $103,564,136; railroads, $43,591,410—total, $505,768,482. Tax, 2¼ mills. Population, 1,875,000. Valuation per capita, $269.75.

Kansas.—Total debt January 1, 1890, $801,000, of which are held by permanent school fund, $536,000; by State university fund, $9,000—total held by State in funds, $545,000; leaving outstanding, $256,000. Valuation for 1889—real estate, $250,131,682; personality, $53,187,371; railroad property, $57,494,850—total, $360,813,903. For 1888—real, $242,420,083; personal, $56,441,203; railroad, $52,829,664—total, $353,348,352. Population, 1,470,000. Valuation per capita, $245.45. Tax-rate, 4.1 mills. Total levy (1887), $1,274,574.25. State receipts, year ending July 1, 1888, $5,497,917.77; expenditures, $5,757,308.87.

Kentucky.—Amount in sinking fund, $882,076.21. Population, 2,300,000. Valuation, 1888—real estate, $361,468,728; personality, $131,184,404; railroad, $35,301,188; banks and other corporations, $35,098,650—total, $563,052,970. Total valuation, 1887, $517,214,311. Rate of tax, 4.75 mills. Revenue for year, $3,843,307.09; expenditures, $3,572,433.77. Valuation per capita, $256.15.

Louisiana.—Under the Funding Act of 1873 the various bonds then existing were converted into new 7 per cent. bonds at 60 per cent. of their face value. The total recognized bonded debt January 1, 1874, was $22,430,800; total amount refunded January 1, 1879, $17,971,700, and total amount then outstanding, $4,459,100. But of the outstanding bonds only $488,100 were fundable. The aggregate amount funded to January 1, 1879, including general fund warrants, interest warrants, past due coupons detached from old bonds, and Consolidated Planters' Association bonds, is placed at $19,550,122.85, and the amount outstanding at $1,547,820.92. Of the aggregate of the outstanding debt only $676,830.92 was fundable, the remainder having been declared not fundable. A Constitutional Convention was held in 1879, at which a resolution was adopted instructing the State officers not to pay the July, 1879, interest until ordered to do so by the Convention. A majority report of the committee made the debt as it existed on January 1, 1879, $3,168,313, and provided for 4 per cent. bonds payable in 30 years, the existing accepted bonds to be exchanged on or before January 1, 1882. The minority report declared the debt as shown to exist a valid obligation to remain inviolate, but that the interest shall be reduced to 3 per cent. for 5 years from January 1, 1880, and be 4 per cent. thereafter—the 5½ mill tax to be reduced to 3 mills. Both reports were rejected; but on July 1 the Convention adopted a substitute for the minority report, recognizing the State debt as constituted under the Funding Act, but reducing the interest to 2 per cent. for 5 years, 3 per cent. for 15 years—thereafter 4 per cent.—the first coupon to be paid July 1, 1880. In June, 1882, a constitutional amendment passed the Legislature, and was confirmed at the election in April, 1884, giving 4 per cent. interest after January, 1885, and nullifying the 15-year

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Classification of Securities.	Date of Issue.	Date of Maturity.	Interest Payable.		Am't of Bonds.	Annual Charge.
				p.c.	$	$
Maine (January 1, 1890):						
Insane Hospital Bonds (Re. March 10, 1887)	Dec. 13, 1888	July 1, 1917		4	50,000	2,000
State College Bonds (Re. March 16, 1887)	Feb. 5, 1889	July 1, 1917		4	100,000	4,000
" " " (Re. March 7, 1889)	June 1, 1889	June 1, 1919		5	118,300	5,915
Renewal Loan (Act March 13, 1889)	June 1, 1889	pr'n yearly		3	1,675,000	50,280
Renewal Loan (Act March 13, 1889)	Oct. 1, 1889	"		3	708,000	21,240
Maryland (October 1, 1889):						
Sterling Loan for B. & O. RR. (Ch. 386 of 1838)	1839	1889		5	Jan. & July	1,752,222	87,611
Sterling Loan for C. & O. Canal (Ch. 386 of 1838)	1839	1889		5	Jan. & July	2,248,889	112,444
Con'd Loan for RR. and Canals (Ch. 41 of 1847)	1848	1890		5	J. A. J. & O.	282,876	14,144
Currency Loan " " " (Ch. 395 of 1838)	1839	1890		5	J. A. J. & O.	26,610	1,331
Cur'y Loan for E. Shore RR. (Ch. 323 of 1839)	1840	1890		5	April & Oct.	31,069	1,553
Cur'y Loan for B. & Susq. RR. (Ch. 302 of 1837)	1838	1890		3	J. A. J. & O.	269,000	8,070
Cur'y Loan for B. & Susq. RR. (Ch. 20 of 1839)	1840	1890		6	J. A. J. & O.	298,435	17,906
Cur'y Loan for A. & E. RR. (Ch. 12 of 1839)	1840	1890		6	April & Oct.	62,605	3,756
Maryland Defence Loan (Ch. 289 of 1882)	1883	1899		3 4/10	Jan. & July	3,000,000	109,500
Treas. Relief Loan (10-153) (Ch. 238 of 1878)	1878	1893		6	Jan. & July	500,000	30,000
Ex. L'n, Redemp. & Ex. State D't (Ch 449 of 1886)	1887	1901		3	Jan. & July	1,270,474	38,114
" " D. & D. Asy. & C. & O. Can. (Ch. 449 of 1886)	....	1900		3	Jan. & July	628,355	18,751
Massachusetts (January 1, 1890):						
Southern Vermont RR. Loan	1860	April 1, 1890		5 g.	April & Oct.	200,000	10,000
Troy and Greenfield RR. bonds, stg.	1860-1875	1890-1895		5 g.	J. A. O. / J. & J.	5,429,555	271,478
Troy and Greenfield RR. Loans	1861-1875	1891-1895		5 g.	.....	3,336,500	166,825
B. H. and Erie RR. Loans, stg.	1868-1869	July 1, 1900		5 g.	Jan. & July	3,618,729	180,936
Bounty Fund Loan	1864	May 1, 1894		5 g.	May & Nov.	4,379,500	218,975
Bounty Fund Loan, stg.	1864	May 1, 1894		5 g.	May & Nov.	4,022,649	201,112
War Fund Loan, stg.	1869	July 1, 1889		5 g.	Jan. & July	5,000	.....
Danvers Lunatic Hospital Loan	1874-76-77	Sept. 1, 94-97		5 g.	J. & J. / M. & S.	1,500,000	75,009
Harbor Improvement Loan (5-20)	1874-1876	Sept. 1, 94-96		5 g.	Mar. & Sept.	300,000	15,000
Worcester Lunatic Hospital Loan	1875-1876	1895-1896		5 g.	M. & N. / Mc. & S.	1,100,000	55,000
State Prison Loan, stg.	1875	Jan. 1, 1895		5 g.	Jan. & July	1,299,355	64,967
Armory Loan	1889	Sept. 1, 1913		3 g.	Mar. & Sept.	830,000	24,900
State House Loan	1888-1889	July 1, 1901		3 g.	Jan. & July	630,000	18,900
State House Construction Loan	1889	April 1, 1909		3 g.	April & Oct.	1,900,000	57,000

3 per cent. provision. Total amount of consol. bonds limited to $15,000,000. Included above are $303,600 consols and $70,000 constitutional bonds, which were fraudulently issued and have not yet been recovered, but which the State regards as null and void. Assessed value, 1889, $223,600,000. Rate of tax for State purposes, 6 mills.

Maine.—Total debt, $2,652,300; annual charge, $83,435. Trust funds held by State, on which interest is paid, $722,108.11. The 3 per cent. renewal bonds were issued in exchange for "bounty and family aid" and "equalization of municipal war debts," loans which matured June and October, 1889, respectively. They fall due $50,000 yearly, 1890 to 1901; then $70,000 yearly, 1902 to 1911; then $78,000 yearly, 1912 to 1921; and $90,000 yearly, 1922 to 1929. Receipts in 1889, $5,148,493.92; expenditures, $5,358,098.92. Valuation, $235,978,716. Rate of tax, 2.75 mills. Population, 660,139. Valuation per capita, $357.47.

Maryland.—Total debt, $10,370,535.56. As an offset to this debt, the State holds the following bonds and stocks, on which interest or dividends are promptly paid, to wit: Preferred stock in the B. & O. RR. Co., $968,615.79; stock in Washington Branch B. & O. RR. Co., $550,000; stock in Farmers' National Bank, Annapolis, $46,470; stock in Annapolis Water Co., $30,000; bonds of Northern Central RR. Co. (mortgage), $1,500,000; bonds of Susquehanna and Tidewater Canal Companies, $1,000,000; stocks and bonds to the credit of the sinking funds, $1,926,055.90; cash to credit of sinking funds, $10,103.44; total, $6,031,255.04. Net present debt after deducting productive assets above given, $4,339,280.52. There are but three debts for which a tax, aggregating 7½ cents on the hundred dollars, is provided, to wit: The Defence and Redemption Loan, for which a tax of 5½ cents on the hundred dollars is imposed; the Exchange Loan, for which a tax of ½ of 1 cent is imposed; the Treasury Relief Loan, for which a tax of 1½ cents is imposed. The interest on the balance of the State's indebtedness is provided for by revenues coming into the treasury from other sources than direct taxation. Taxable property for 1889, real and personal, $477,398,380; levy, 17½ cents per $100, or a total of $847,382.10. Of the total levy, 10½ is for school tax; 5½ for bounty tax; 1½ for treasury relief tax, and ½ for exchange loan of 1886. Total receipts from all sources (1889), $2,067,343.71; expenditures (including interest on debt, $465,957.14), $2,108,686.16. Balance, October 1, 1889, $490,727.01. Population, 1,121,931. Valuation per capita, $425.51.

Massachusetts.—Total debt, $38,351,288; annual charge, $1,345,113. Sinking funds, $21,015,939.40. Taxable property, etc., as follows:

Years.	Real Estate.	Personal Property.	Total Debt.	Sinking Fund.
	$	$	$	$
1885	1,287,993,899	827,043,710	31,423,680	18,182,672
1886	1,340,493,673	839,409,214	31,429,680	18,964,412
1887	1,407,660,086	904,865,934	31,429,680	25,151,517
1888	1,460,520,022	532,281,079	28,851,620	23,235,609
1889	1,529,499,912	542,670,951	28,246,288	21,015,939

Revenue receipts are derived from general and special taxes, licenses, fees, railroad rents, tolls, etc., etc. Revenue payments are for support of government, interest on debt, town distribution, charities, etc., etc. The Funds Accounts are strictly separate.

The receipts for 1889 were, on revenue account, $16,317,917.59; fund account, $14,522,234.48; total, $30,840,152.07. Payments: Revenue, $6,548,115.80; funds, $14,622,341; total, $31,170,456.80. Excess of payments, $330,304.73. Population, 2,112,746.

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Classification of Securities.	Date of Issue.	Date of Maturity.	Interest Payable.		Am't of Bonds.	Annual Charge.
			p. c.		$	$
Michigan (July 1, 1889):						
War Bounty Loan Bonds	1865	May 1, 1890	7	May & Nov.	229,000	16,030
Past Due Bonds	.....	.....	..	.....	10,993	.....
Minnesota (July 31, 1889):						
Adjustment Bonds (10-30)	1881	1911	4½	Jan. & July.	3,965,000	178,425
†State Revenue Bonds	1889	.....	..	.....	250,000	.....
Mississippi (January 1, 1888):						
Bonds	.....	Jan. 1, 1890	4	Jan. 1st.	246,000	9,840
Bonds	.....	Jan. 7, 1895	5	Jan. & July.	153,500	7,675
Bonds	.....	Jan. 1, 1897	6	Jan. 1st.	478,500	28,710
Missouri (January 1, 1890):						
University Bonds and Lunatic Asylum Bonds	July 1, 1872	July 1, 1892	6	Jan. & July	185,000	11,100
State Bank Stock Refunding Bonds	April 1, 1874	April 1, 1894	6	Jan. & July	80,000	4,800
State Funding Bonds	1874-75	1894-95	6	Jan. & July	617,000	37,020
State Funding Bonds	1886-87	1906-'7-'8	3½	Jan. & July	7,000,000	245,000
Penitentiary Indemnity Bonds	April 1, 1875	April 1, 1895	6	Jan. & July	24,000	1,440
Bonds to Platte Co. RR.	1859-1860	1889-1890	6	Jan. & July	218,000	13,080
Bonds to Hannibal & St. Joseph RR., renewals	1874-1877	1894-'95-'97	6	Jan. & July	659,000	39,540
Nebraska (Dec. 1, 1888) (biennial):						
State Funding Bonds (Act of Feb. 14, 1875)	April 1, 1877	April 1, 1897	8	April & Oct.	123,000	9,840
†State Funding Bonds (Act of Feb. 14, 1875)	April 1, 1877	April 1, 1897	8	April & Oct.	326,267	26,101
Nevada (January 1, 1890):						
State School Bonds (Irredeemable)	April 1, 1879	Irred'mable	5	Jan. & July	380,000	19,000
State School Bonds (due in 20 years)	1881-83-89	1901-2-9	4	Jan. & July	39,000	1,560
State School Bonds (due in 10 years)	1887-1889	1897-1899	4	Jan. & July	113,000	4,520
University Fund (90,000-acre grant)	1885-1889	1895-1899	4	Jan. & July	19,000	760
State University Fund	Oct. 31, 1885	Oct. 31, 1895	4	Jan. & July	11,000	440
New Hampshire (June 1, 1889):						
State War Loan	Sept. 1, 1864	Sept. 1, 1889	6	Mar. & Sept.	150,000	9,000
Municipal War Loan	Jan. 1, 1872	Ja. 1 {'92 to 1905}	6	Jan. & July	2,206,100	132,366
State Renewal Loan	July 1, 1879	Jly. 1, '89-'92	5	Jan. & July	400,000	20,000
Prison Loan ($14,000 payable yearly)	Jan. 1, 1879	Jan. 1, '90-'91	5	Jan. & July	28,000	1,400

Michigan.—Total debt, $239,992.83. Trust funds held by State, and upon which it pays interest, $5,253,920.04. Receipts, 1888-89, $3,062,551.48; payments, $3,134,929.99. Deficit for year, $72,378.51; balance in treasury, $1,116,189.19. Assessed valuation of real and personal property, $945,000,000. The valuation is equalized every ten years; the next will be in 1896. State tax, $1,663,608.56. Population, 2,250,000. Valuation per capita, $420.

Minnesota.—The people several times refused to recognize the old railroad debt of $2,275,000, but a compromise was effected in 1881 by the issue of the 4½ per cent. bonds. Amount of adjustment bonds held in school fund, $1,961,000; permanent university fund, $288,000; a total of $2,269,000. State revenue bonds in school fund, $200,000; in permanent university fund, $50,000. Valuation, 1889, real, $454,677,586; personal, $112,338,662; total, $567,016,248. State tax, levy 1889, $1,404,411.71. Total receipts, $3,296,287.27. Payments, $3,532,507.42. Population, 1,500,000.

Mississippi.—The State Treasury holds $175,000 of the 4 per cent. bonds on account of the deposits of Insurance Companies. In 1830 the State of Mississippi chartered the Planters' Bank, and in 1833 subscribed to its stock 6 per cent. bonds to the amount of $2,000,000. In 1838 a subscription of $5,000,000 in 5 per cent. bonds was made to the Union Bank. Interest was paid on these bonds to November 1, 1840, since which time not a dollar of principal or interest has been attempted to be paid. In 1842 the Legislature repudiated the entire debt. The State Courts have affirmed the constitutionality of the issue of these bonds, and that they are binding obligations on the State. In 1853 the people voted against their payment, and the matter so remains. By treaty of October 20, 1832, the Chickasaw Indians ceded to the United States all their lands in Mississippi, embracing 6,283,804 acres, and Congress granted to the State one-thirty-sixth part of the lands ceded in lieu of lands previously reserved for school purposes. The proceeds of these lands, amounting January 1, 1888, to $816,615.71, are held in trust by the State, and draw 8 per cent. interest, which is distributed semi-annually among the counties entitled to it. Valuation, 1887, $129,887,254. Rate of tax, 3.5 mills. Population, 1,400,000.

Missouri.—Total debt (including bonds issued to Hannibal and St. Joseph RR. Co.), $8,783,000: annual charge, $351,980. There are also $3,672,000 State school fund certificates of indebtedness, the annual charge upon which equals $213,910. Taxable property 1888—real estate, $552,946,976; personal, $185,474,107; railroad, etc., $51,271,162.38—total, $789,692,245.38. Tax-rate, 4 mills. Gross receipts, year ending December 31, 1888, $3,463,211.19; gross expenditures, $3,346,694.04. Surplus revenue, $116,517.15. Balance January 1, 1889, $585,499.07. Population, 3,125,000. Valuation per capita, $252.70.

Nebraska.—Total debt, $449,267.35; annual charge, $35,941.39. Gross revenue in 1887-88 (two years), $5,180,881.70; gross disbursements, $4,944,582.98; excess of revenue, $936,298.72. The State school funds hold $326,267, and the sinking fund $123,000. Valuation, $176,012,820.45. Rate of tax, 7.50 mills = $1,325,887.79. Population, 1,000,000. Valuation per capita, $176.01. Tax per capita, $1.33.

Nevada.—Total debt, $562,000; annual charge, $26,280. Gross receipts in 1889, $484,541.15; disbursements, $549,196.46. Valuation, December 1, 1888, $26,738,378.53. Tax levy, 9 mills. Total State tax, $714,827.55. Population, 65,500. Valuation per capita, $408.22. Tax per capita, $10.91.

New Hampshire.—Total funded debt, June 1, 1889, $2,784,600. Valuation for 1889: Real and personal, $183,269,980; saving bank deposits, $53,992,934; railroads, $16,000,000; insurance capital, $1,255,000; telephone and telegraph lines, $285,685—total, $254,713,599. State tax: Real and personal, $500,000; savings bank deposits (all returned to towns where depositors reside), $539,029.34; railroads (about 58 per cent. returned to towns where stockholders reside), $239,054.38; insurance capital (about 75 per cent. returned to towns where stockholders reside), $12,550; telephone and telegraph lines, $4,342.41—total, $1,294,976.13. Gross revenue, 1888-89, $628,993.08, and gross expenditures, $402,648.68; excess of expenses, $226,344.40. Population, 370,000. Valuation per capita, $688.41. Tax per capita, $3.49—computed on total State tax.

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Classification of Securities.	Date of Issue.	Date of Maturity.	Interest Payable.		Am't of Bonds	Annual Charge.
New Jersey (November 1, 1889):			p.c.		$	$
War Loan Bonds (Act of March 24, 1863)	July 1, 1863	Jan.1,'90-'96	6	Jan. & July	602,900	36,174
War Loan Bonds (Act of April 14, 1864)	July 1, 1864	J. 1 '97 to 1902	6	Jan. & July	593,400	35,604
New York (October 1, 1889):						
State Fund Debt, Indian Annuities	Treaties.	Permanent.	6	Annually.	122,695	7,362
Canal Debt	Constit.,	July 1, 1891	6 g.	Jan. & July	3,592,500	215,550
" " (Deficiencies)	Art. 7	Oct 1, 1892	6 g.	Apr. & Oct.	1,986,000	119,160
" " "	Section 3.	Oct. 1, 1893	6 g.	Jan. & July	473,000	28,380
Niagara Park Loan Bonds (held in trust funds)	1885	$100,000 yr.	2½	Jan. & July	600,000	15,000
North Carolina (January 1, 1890):						
Consolidated Bonds (Act March 4, 1879)	July 1, 1880	July 1, 1910	4	Jan. & July	3,151,100	126,044
N. C. RR. Bonds (Act 1848-54)	1853-1855	1883-1885	6	J. J.,A.& O.	2,720,000	163,200
Ohio (November 15, 1889):						
New Loan (due $250,000 yearly after 1889)	.....	July1,'89-'99	3	Jan. & July	2,790,000	83,700
Oregon (January 1, 1890):						
Soldiers' Bounty Bonds	Jan. 1, 1861	Jan. 1, 1880	7	Past Due.	50	.....
Soldiers' Relief Bonds	" "	Jan. 1, 1874	7	" "	761	.....
Modoc War Bonds	" "	Jan. 1, 1880	7	" "	203	.....
Indian War Bonds, 1878	.....	.....	7	.....	651	.....
Pennsylvania (December 1, 1889):						
Stock Loan	April, 1821	June 1, 1841	5	Ceased.	230	.....
Stock Loans (Various)	1828-1841	1853-1870	5	"	16,934	.....
Relief Loan Stock (Act May 4, 1841)	.....	July 1, 1870	.....	"	96,146	.....
Int. Certific. (Act Jy. 27, '42, March 7, '43)	.....	Aug. 1, 1846	6	"	8,470	.....
Interest Certificates (Act May 31, 1844)	.....	.....	5	"	4,568	.....
Stock L'ns (Acts April 29, '44, and April 16, '45)	.....	1849-1855	5	"	1,248	.....
Loan (Act May 15, 1861), coupon	Aug. 1, 1861	Aug. 1, 1871	6	"	2,000	.....
Loan (Act Feb. 2, 1867), registered	Aug. 1, 1867	Feb. 1, 1882	5	"	600	.....

New Jersey.—Total debt, $1,196,300; annual charge, $71,718. Valuation, $586,917,360. Population, 1,330,000. Valuation per capita, $441.29. Gross receipts year ending November 1, 1889, $3,862,091.67; expenditures, $3,763,566.83. Tax-rate, 2.59 mills = $926,705. Tax per capita, $0.70.

New York.—Total debt, October 1, 1889, $6,774,854.87. Sinking fund (canal), $4,466,625.34, leaving net debt, $2,308,229.53. Valuation real estate, $3,313,171,201, and personal property, $354,258,556—total, $3,667,429,757. Tax-rate (1889), 3.52 mills. State tax, 1889, $12,557,352.74. The receipts into the treasury for year ending September 30, 1889, were $13,434,967.30; payments, $13,404,813. The tax on corporations produced in 1889, $1,172,599.73; collateral inheritance tax, $1,075,692.25; organization tax, $198,982.34. Cost of new capital to date, $18,399,195.29. Population, 6,500,000. Valuation per capita, $548.83. State tax per capita, $1.93.

North Carolina.—This State commenced the issue, in 1849, of its bonds in aid of various internal improvements, such as plank roads, railroads, canals and rivers, and had issued, prior to May 20, 1861, the date of its attempted secession, bonds amounting to $8,371,400. It also issued, during the existence of the rebellion, and prior to May, 1865, $914,000 in bonds for similar purposes. The interest on these was unpaid during the rebellion, and by Act of March 10, 1866, a portion was funded by an issue of bonds amounting to $2,231,000, and another portion, by Act of August 20, 1868, by bonds to the amount of $1,657,600. Bonds in aid of internal improvement were also issued during the same period, to the amount of $3,403,000. In 1869 so-called "special tax bonds" were issued, and of these so-called bonds there are now outstanding $11,366,000. The Legislature soon after repealed the Act under which these latter bonds were issued, and prohibited the payment of interest thereon. The bonds have never since been recognized by the State authorities. In 1875 an attempt was made under an "Act to compromise, commute and settle the State debt," to arrive at an adjustment, but without success. At the close of the year 1878, the recognized debt amounted to $16,046,045, on which there was interest unpaid to the amount of $9,485,493, making a total of acknowledged valid debt equal to $25,531,538. The issue during the rebellion, with unpaid interest, reached the sum of $1,588,690, and the special tax bonds, with interest, were $17,610,470, making an aggregate of $44,730,698, for which the State held, in stocks and bonds of various kinds, mostly unproductive, $21,707,700. Under these circumstances, an Act was passed March 4, 1879, directing the payment of bonds issued prior to May 20, 1861, at 40 cents on the dollar; those issued since May, 1865, under prior Acts and by Acts of 1866 and 1867, at 25 cents on the dollar; and those issued under the Funding Acts of 1866 and 1868, at 15 cents on the dollar, the payment to be made in a new issue of 4 per cent. bonds, dated July 1, 1880, and payable in 30 years. The bonds issued to the North Carolina RR. Co. remain unchanged. This will make the total consolidated debt, when duly exchanged—4 per cent. bonds, 3,613,511.25; 6 per cent. bonds, $2,795,000—total, $6,408,511.25. The receipts into the treasury for year ending December 1, 1888, were $724,506.45; disbursements, $619,629.02; excess of expenditures, $94,522.57. Assessed valuation: Real estate (including $10,287,948 railroad property), $143,736,408; personal property, $71,398,875—total, $215,125,283. State tax, 40.5 cents per $100 worth of property for all State purposes, embracing 12.5 cents for public schools. Population, 1,750,000. Valuation per capita, $122.93.

Ohio.—In addition to above there are outstanding $5,000 6 per cent. bonds, due December 31, 1886, and $1,665 canal loan not bearing interest. There are also county and municipal debts, amounting to $60,228,121. Assessed valuation for 1888: real estate, $1,300,064,195; personalty, $531,934,601—total, $1,732,058,796. Tax-rate, 2.90 mills, viz.: for general revenue fund, 1.40 mill; for sinking fund, 0.50 mill; for State common school fund, 1 mill. Receipts from all sources, 1888-89, $5,947,905.10; disbursements, $5,885,470.73. Amount in sinking fund, November 15, 1889, $245,040.45. Population, 4,000,000. Valuation per capita, $433.01.

Oregon.—Provision has been made and funds are on hand for payment of bounty relief, Modoc and Indian war bonds, they all having been advertised but not presented for payment. State receipts for year ending December 31, 1889, $1,014,551.96; expenditures, $1,052,612.20. Assessed valuation, 1889, $101,597,360. Tax levy, 5½ mills, $574,750.67; militia tax, $20,319.46; university tax, $14,513.91—total, $609,584.04. Population, 360,000. Valuation per capita, $282.22. Tax per capita, $1.69.

Pennsylvania.—Total debt, $14,474,445, of which had matured $130,345, leaving as interest-bearing debt $14,344,100, on which the annual charge is $620,314. For the payment of the public debt there is a sinking fund amounting to $10,062,607. There was redeemed during the year 1887-88 $1,118,550 of the debt. No tax for State

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Classification of Securities.	Date of Issue.	Date of Maturity.	Interest Payable. p. c.		Am't of Bonds. $	Annual Charge. $
Pennsylvania.—*Continued.*						
Loan (Act May 27, 1871), registered	Aug. 1, 1871	Feb. 1, 1876	6	"	149	.....
Agric. College Scrip (Act April 3, 1872)	Aug. 1, 1872	Feb. 1, 1922	6	Feb. & Aug.	500,000	30,000
Loan 15-25 yrs., tax free (Act March 30, '77)	Aug. 1, 1877	Feb. 1, 1902	5	" "	4,430,500	221,525
Loan 15-30 yrs., tax free (Act April 4, '79)	Aug. 1, 1879	Aug. 1, 1904	4	" "	1,802,900	72,116
Loan (Act June 8, 1881), 8th series, registered	1881	Aug. 1, 1890	4	" "	250,000	10,000
" (" " "), 9th series, registered	1881	Aug. 1, 1891	4	" "	250,000	10,000
" (" " "), 10th series, registered	1881	Aug. 1, 1892	4	" "	249,600	9,984
30-year Loan (Act June 8, 1881), registered	1881	Feb. 1, 1912	2½	" "	1,754,900	61,421
" " (" " "), registered	1881	Feb. 1, 1912	4	" "	5,106,200	204,248
Interest Certificates Unclaimed	.....	.....	.....	.....	4,448	.....
Domestic Creditors' Certificates	.....	.....	.....	.....	25	.....
Proceeds sale experim't'l farms (Act May 13, '87)	.....	.....	6	.....	17,000	1,020
Rhode Island (January 1, 1889):						
War-Loan Bonds of July, 1863	July 1, 1863	July 1, 1893	6	Jan. & July	584,000	35,040
War-Loan Bonds of 1863	Aug. 1, 1864	Aug. 1, 1894	6	Feb. & Aug.	699,000	41,940
South Carolina (November 1, 1889):						
Consolidated Stock (Acts '73, '78, '79)	.....	1893	6	Jan. & July	2,178,227	130,694
Consolidation Bonds (Acts '73, '78, '79)	.....	July 1, 1893	6	Jan. & July	3,795,000	227,700
Agricultural College Scrip, one piece	1879	Perpetual.	6	Jan. & July	191,800	11,508
Refunding Bonds (blue)	July, 1888	July, 1928	4½	Jan. & Sept.	190,500	8,572
Refunding Stock (blue)	July, 1888	July, 1928	4½	Jan. & Sept.	209,500	9,428
Deficiency Bonds and Stocks	1878	July, 1888	6	Jan. & July	1,822	109
Tennessee (March, 1889):						
Settlement Bonds (Act March 20, 1883)	1883	July 1, 1913	3	Jan. & July	12,474,600	374,238
" " " "	1883	July 1, 1913	5	Jan. & July	460,000	23,000
" " " "	1883	July 1, 1913	6	Jan. & July	926,300	55,578
Compromise Bonds (Act May 20, 1882)	1882	Jan. 1, 1912	6	Jan. & July	473,000	28,380
Old Bonds Unfunded	.....	.....	.....	.....	2,000,000	.....
Bonds held by E. T. Univ., not to be funded	.....	Various	6	Jan. & July	397,000	23,820
Texas (September 1, 1889):						
Bonds Funding State Debt (Act May 2, '71)	1872	1891	6	Various.	65,200	3,912
Frontier Def. Bonds (Act Aug. 5, '70-'80-'40)	Sept. 1, 1871	Aug. 5, 1890	7 g.	Mar. & Sep.	499,000	34,930
Deficiency Bonds (Act December 2, '71)	Jan. 1, 1872	Jan. 1, 1892	7 g.	Jan. & July	467,000	32,690
Bonds for Floating Debt (Act March 4, '74)	Mar. 1, 1874	Mar. 1, 1904	7 g.	Mar. & Sep.	288,000	20,160
Redemption Bonds (Act August 6, '76)	July 1, 1876	July 1, 1906	6 g.	Jan. & July	1,647,000	98,820
Bonds (Act of April 21, '79)	1879	July 1, 1909	5	June & Dec.	1,068,900	53,445
Bonds (Act of April 21, '79)	1879	July 1, 1899	4	Jan. & July	2,630	105
Bonds (Act of February 23, '85)	1885	1890	6	July	200,000	12,000

purposes is levied on real estate. The principal sources of revenue are the tax on corporation stocks, on gross receipts, on coal companies, on personal property, commutation tonnage, duties, retailers' licenses, tax on collateral inheritances, on bank stocks, on premiums, on writs, wills, deeds, etc. Their assessed value for the year 1888 was $429,751,583.75. The total receipts in 1887-88 were $8,694,090.42; total disbursements, including loans redeemed and interest on public debt, $7,587,866.24; excess of receipts, $1,306,194.18. Balance in treasury November 30, 1887, $2,380,841.47; November 30, 1888, $3,687,035.65.

Rhode Island.—Total debt, $1,283,000; annual charge, $76,980. Sinking fund, $825,464.57. Valuation—real estate, $243,658,190, and personality, $84,872,369—total, $328,530,559. Tax rate, 1.4 mills. Revenue for year ending December 31, 1888: Receipts, $822,903.74; payments, $895,648.22; excess of payments, $72,744.48. Payments include $100,000 to the sinking fund, and $78,510 for interest on debt. Population, 310,000. Valuation per capita, $1,060. Tax per capita, $1.28.

South Carolina.—Total funded debt, $6,566,849.41. There are also outstanding $441,629.22 old bonds and stocks, funded under the Acts of 1873, 1878, and 1879.

The funded debt, now recognized as valid, is provided for by Acts of December, 1873, to reduce the volume of the public debt; December 24, 1878, for the funding of past due interest; and December 24, 1879, and February 19, 1880, for funding bills of Bank of the State; and of March 22, 1878, for the funding of claims prior to December 1, 1876.

The interest on consols prior to 1860 is payable from July, 1879; on consols subsequent to 1865, from January, 1880; on consols for fundable interest, from July, 1878; on consols for State Bank bills, from July, 1880. Assessed valuation, $145,290,344. Tax levy, 5½ mill's = $766,878. Population, 1,350,700. Valuation per capita, $107.57.

Tennessee.—By the compromise and funding Act of May 20, 1882, the State funded its old bonds, with all accrued interest, at 60 per cent. of the face value, in new 30-year bonds of 1882, bearing 3 per cent. for 2 years, 4 per cent. for following 2 years, 5 per cent. for third 2 years, and 6 per cent. thereafter. In 1883 this Act was repealed and the debted fund in new 3s at 50 per cent. of the face value except the old State debt proper bonds, bearing 6, 5½ and 5 per cent., which were exchanged for new bonds, bearing the same rates of interest as the old, at 76, 79 and 80 per cent. respectively. By a recent decision of the Supreme Court of the State the compromise bonds (principal and accrued interest to July 1, 1883) are fundable into new settlement 3s at five-sixths of their face value. The settlement bonds are redeemable at the option of the State after July 1, 1888. Assessed valuation, 1888—real estate, $254,126,950; other property, $43,078,704; railroads, $32,290,302—total, $329,495,356. Receipts for two years ending December 19, 1888, $3,604,996.37; expenditures, $3,408,761.69. Tax rate, 3 mills. Population, $1,700,000. Valuation per capita, $193.82.

Texas.—Total debt, $4,237,730; annual charge, $256,062. Special funds held $3,017,100 of the bonds, leaving $1,220,630 in hands of individuals. Sinking fund, 2 per cent. per annum. Taxable values for 1889—real, $517,135,007; personal, $209,983,446—total, $727,118,453. Tax levy, $2,934,947.75, being at the rate of 20 cents per $100 for State *ad valorem* tax, and 12½ cents per $100 for school tax, 50 cents per capita for State revenue poll, and $1 per capita for school poll. Population, 2,190,000. Valuation per capita, $332.02.

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Classification of Securities.	Date of Issue.	Date of Maturity.	Interest Payable.		Am't of Bond.	Annual Charge.
Utah:			p. c.		$	$
Bonds (redeemable after 10 years)	1888	1908	5	.....	150,000	7,500
Vermont (August 1, 1889—biennial):						
†War Loan Bonds, registered	June 1, 1870	June 1, 1890	6	June & Dec.	135,500	8,130
Virginia (October 1, 1889):						
*Old Bonds (¾ fundable), dollar	1851 to 1866	1886 to 1895	6	Jan. & July	1,548,333	92,900
*Old Bonds (¾ fundable), sterling	Jan. 1, 1851	Jan. 1, 1886	5	Jan. & July	446,694	22,335
*Cons. Coup. Bds. (Act March, '71) coup. rec.	July. 1,1870	July 1, 1905	6	Jan. & July	12,953,700	777,222
*Cons. Coup. rec. (Act March, '71) for taxes.	July. 1,1870	July 1, 1905	6	Jan. & July	1,198,603	71,916
*Consols (Act March 7, '72) coupons not receivable for taxes.	July. 1,1872	July 1, 1905	6	Jan. & July	210,100	12,606
*Consols (Act March 7, '72)	July. 1,1872	July 1, 1905	6	Jan. & July	518,030	31,082
Deferred Certificates (W. V.), $12,691,530	1871	Contingent.	6	Jan. & July	.....	.....
New Funding Bonds (Act March, '79) coupon	1879	1919	3 to 5	Jan. & July	5,662,000	226,480
New Funding Sterling (Act March, '79)	1879	1919	3 to 5	Jan. & July	246,100	9,844
New Funding Bonds (Act March, '79) registered	1879	1919	3 to 5	Jan. & July	191,400	7,656
Riddleberger Bonds (Act of '82 and '84)	1882	July 1, 1932	3	Jan. & July	8,814,041	264,421
West Virginia (November 20, 1889):						
No funded debt, either made or assumed						
Wisconsin (October 1, 1888):						
†Certificates to State Trusts	1866 to 1874	Irredeem'le	6	Jan. & July	2,252,000	135,120

Utah.—The bonds were issued to meet appropriations made for educational and charitable institutions. The entire issue was taken by Wells, Fargo & Co. Assessed valuation, $46,379,073. Estimated population, January 1, 1889, 215,000.

Vermont.—Total debt, $135,500, held by the Agricultural College Fund. The receipts for year ending Aug. 1, 1889, were $607,492; payments, $590,000; net receipts, $17,492. Population, 333,000. Valuation, $161,908,430. No State tax in 1888. State tax in 1889, twenty cents on $100, valuation and polls. Tax rate, one-fifth of 1 per cent. on valuation. Valuation per capita, $486.21. Tax per capita, $1.06.

Virginia.—The Act of March 30, 1871, allowed bondholders to exchange two-thirds of their holdings for new 6 per cent. tax receivable bonds, receiving for the other one-third a "deferred certificate" to be charged to West Virginia. The Act of 1872 repealed the tax receivable clause of the law, and bonds issued under it were called "Pealers." The McCulloch law of March 28, 1879, provided for a refunding of the State debt in non-taxable 10-40s, to bear interest at 3 per cent. for 10 years, 4 per cent. for 20 years, and 5 per cent. thereafter. That law was rejected by the people, and the Riddleberger readjustment law was adopted by the legislature. The Riddleberger Act provided for the funding of all outstanding bonds and interest thereon to and including July 1, 1882, into new 3 per cent. 18-50s at specified rates below par, varying from 47 to 31 on the different classes. This law was also amended, and all bonds offered for funding after January 1, 1885, were required to carry the coupon of July, 1885. The new 3 per cents. are coupon or registered, and are interchangeable. Registered bonds are for $100, $500, and $1,000; coupon bonds are for $500 and $1,000. The State sinking fund holds $2,357,577, the Board of Public Works of Virginia, $173,900, and the State literary fund, $1,179,127, and there have been received from companies and from defaulting officers on account of indebtedness to the State and cancelled, $569,920.72, or a total of $4,280,524.60 of the Riddleberger bonds, leaving $4,533,516.06 of that issue in the hands of the public. Assessed valuation—real estate, $299,251,019; personality, $97,460,306—total, $396,711,325. Tax rate, 4 mills. State receipts, year ending October 31, 1888, $2,704,725.27; expenditures, $2,892,067.86. Population, 1,600,000. Valuation per capita, $247.94.

Washington.—Receipts for two years ending September 30, 1889, $347,302.44. Expenditures, $346,086.33. Assessed valuation, $124,795,449. Population, 235,544. Tax rate, 2½ mills.

West Virginia.—The State Constitution prohibits the creation of any debt, except in an emergency like invasion or rebellion. After the admission of the State, in 1863, Virginia claimed that one-third of her State debt of $45,000,000 should be paid by West Virginia, and left out $15,239,371 in the adjustment of her debt (see Virginia). West Virginia claims that a very much smaller sum is her share, and the matter remains unadjusted. State receipts, year ending November 30, 1889, $1,158,538; expenditures, $1,210,569. Assessed valuation—real estate, $119,414,434; personal property, $44,469,225; railroad, $15,501,670—total, $179,385,329 Tax rate, 3.5 mills. Amount of taxes in 1889, $857,256. Population, 854,326. Valuation per capita, $209.97. Tax per capita, $1.

Wisconsin.—Public debt absorbed in State funds, and no bonds on market. Amount held by school fund, $1,564,700; Normal School fund, $515,700; University fund, $111,000; Agricultural College fund, $60,600. Revenue account for year ending September 30, 1888—receipts, $2,284,513.26; expenditures, $2,099,984.99; excess of receipts, $184,528.27. Valuation for 1887, $581,264,749. Tax rate, 1.58 mills. Taxes in 1886, $783,158.90. Population, 1,750,000. Valuation per capita, $332.15. State tax per capita, $0.45.

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DIVIDENDS.

Statement showing the amount of the capital stocks (common and preferred) of the Railroad Companies in the United States paying dividends, with the rate per cent. paid during eight years, 1882 to 1889.

NOTE.—The numerals (1, 2, 3 and 4) represent the quarters of the CALENDAR year in which dividends *were paid*, such dividends being usually paid from the surplus of the quarter or half year preceding. This statement does not include a number of companies which during the period covered by it have ceased to exist through consolidations or otherwise. For fuller details, see statements for the several companies in POOR'S MANUAL OF RAILROADS.

Dividends marked * were paid either in stock, or in scrip convertible into stock. † Dividend periods have recently been made semi-annual. ‡ Capital stock was increased to its present amount during the period covered by this statement. § Dividend periods recently changed from semi-annual to quarterly. Dashes (—) indicate that no dividends were paid; leaders (.....) that no information was furnished.

Names of Companies.	Close of Fiscal Year.	Capital Stock Dec. 31, 1889. p. Prefer'd. c. Common.	Dividends, When Paid.	Dividends, Where Paid.	1882				1883				1884				1885				1886				1887				1888				1889			
		$			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Addison.....	June 30	500,000	April & Oct.	Company's Office.	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½
Alabama Gt. Southern..	Dec. 31	p. 3,380,350	Irregular.	Farmers' L. & T.Co.	—	—	6	—	6	—	2	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8½	—	—	—	—	4	—	2
Albany & Susquehanna.	Sept. 30	3,500,000	Jan. & July	D. & H. Can. Co.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Albany and Vermont...	Sept. 30	600,000	May & Nov.	Bk. Commerce, N.Y.	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½
Annap's Wash. & Balt.	Dec. 31	385,000	Jan. & Oct.	Baltimore, Md.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2½	—	2½	—	—	—	2	—	2	—	2	—	2	—
Arnot and Pine Creek..	Sept. 30	255,000	Annually	Treasurer's Office.	—	5	—	—	—	5	—	—	—	5	—	—	—	5	—	—	—	5	—	—	—	5	—	—	—	5	—	—	—	5	—	—
Ashuelot.....	Sept. 30	210,000	J., A., J. & O.	Springfield, Mass.	1½	1½	1½	1½	1½	1½	2	1½	1½	1½	1½	1½	1½	1½	1½	1½	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Atchison, Top. & S. Fé.	Dec. 31	‡75,000,000	F., M., A. & N.	95 Milk St., Bos. / Na. Bk. Com. N.Y. / M. L. & T. Co. Chi.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	½	—	—	—	—
Atlanta & Charl'te A. L.	June 30	1,700,000	March & Sept.	Central Trust Co.	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—
Atlanta & West Point..	June 30	1,232,200	Jan. & July	Treasurer's Office.	3½	—	3½	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Atl'c C'st, S.J'ns & In.R.	Dec. 31	300,000	December.	61 Broadway, N. Y.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—	—	3	—	—	—	3	—	—	—	—	3
Atlantic & St. Lawrence	June 30	5,484,000	Mch. & Sept. / Feb. & Aug.	London, Eng. / Portland, Me.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Atlantic, Tenn. & Ohio.	June 30	400,000	April & October	Co's. Off., Char. N.C.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2
Attleborough Branch...	Sept. 30	131,700	Jan. & July	Treasurer's Office.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Augusta & Savannah...	June 30	‡1,022,900	June & Dec.	Savannah, Ga.	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½
Avon, Geneseo & Mt M.	Sept. 30	225,000	Jan. & July	Treasurer's Office.	—	3	—	3	—	3	—	3	—	3	—	3	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Bald Eagle Valley.....	Dec. 31	‡1,535,000	Feb. & Aug.	Treasurer's Office.	4	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—
Balt. & Cum. Val. Ext.	Sept. 30	370,000	Jan. & July	Treasurer's Office.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Baltimore and Ohio....	Sp. 30	c. 14,784,600 / p. 5,000,000	Jan. & July / Jan. & July	Company's Office. / Baltimore, Md.	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	4	—	4	—	4	—	—	—	—	—	—	—	—	—	—
					3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Bangor & Portland.....	Dec. 31	‡121,100	Jan. & July	Nat. Park Bk. N.Y.	—	—	—	—	—	—	—	—	3	—	—	—	—	—	6	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Barclay (Coal).....	Dec. 31	1,000,000	March & Sept.	Company's Office.	2	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	2½	—	2	—	2	—	—	—	—	—	1½	—
Bear Lake and Eastern.	Dec. 31	104,664	February.	Bear Lake, Mich.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	18½	—	—	—	7 20/21	—	—	—	2	—	—	—
Beech Creek.....	Dec. 31	p. 1,300,000	Jan. & July	Gd. Cent. Dep. N.Y.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2½	—	2½	—	2½	—	2½	—
Bell'f't & Moosehead L..	Sept. 30	p. 267,700	May & Nov.	Treasurer's Office.	—	2½	—	2½	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3½	—	3½	—	3	—
Beliv. & Southern Ill...	Dec. 31	p. 1,275,000	May & Nov.	Lessee's Office, N.Y.	—	2½	—	2½	—	3½	—	3½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½
Bell's Gap	Nov. 30	‡550,000	Annually	105 S. 4th St., Phila.	—	—	—	—	15	—	—	—	6	—	—	—	—	—	—	5	—	—	5	—	—	—	5	—	—	—	—	—	5	—	2½	—

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Belt RR. & Sto'k Yd. Co.	Dec. 31	1,000,000	Jan. & July	Company's Office.	— — — —	— — — —	— — — —	— — — —	3 — 3 —	3½ — 3 —	3½ — 3½ —	3½ — 3½ —
Belvidere Delaware	Dec. 31	1,150,000	March 1	Lessee's Office, Phil.	— — — —	— — — —	— — — —	— — — —	— — — —	— — — 12	— — — 6	6 — — —
Bennington & Rutland	June 30	502,000	Annually	Company's Office.	4 — — —	4 — — —	4 — — —	— — — —	— — — —	— — — —	4 — — —	— 4 — —
Bergen County	Sept. 30	200,000	Jan. & July	Lessee's Office, N.Y.	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —
Berkshire	June 30	600,000	J., A., J. & O.	Treasurer's Office.	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾	1$\frac{84}{100}$ 1¾ 1¾ 1¾
Boston & Albany	June 30	20,000,000	J., A., J. & O.	Company's Office.	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2
Boston, Conc'd & Mon.	Sept. 30	p. 800,000	May & Nov.	Boston Office.	— 3 — 3	— 3 — 3	— 3 — 3	— 3 — 2½	— 2½ — 2½	— 2½ — 2½	— 2½ — 2½	— 2½ — 3
Boston & Lowell	June 30	5,529,400	Jan. & July	Company's Office.	2 — 2 —	2½ — 2½ —	3 — 2½ —	3 — 3 —	3 — 3 —	3 — 3½ —	3½ — 3½ —	3½ — 3½ —
Boston & Maine	Sept. 30	7,000,000	May & Nov.	Company's Office.	— 4 — 4	— 4 — 4	— 4 — 4	— 4 — 4	— 4½ — 5	— 5 — 5	— 5 — 4	— 4 — 5
Boston & N. Y. A. L.	May 30	p. 2,998,000	April & Oct.	Lessee's Office, N.H.	1 1 — —	— 2 — 2	— 2 — 2	— 2 — 2	— 2 — 2	— 2 — 2	— 2 — 2	— 2 — 2
Boston & Providence	June 30	4,000,000	J., A., J. & O.	Treasurer's Office.	— 4 — 4	— 4 — 4	— 4 — 4	— 4 — 4	— 4 — 4½	— 4 — 6	— 5 2½ 2½	2½ 2½ 2½ 2½
Boston, Revere B. & L'n	June 30	600,000	Jan. & July	Company's Office.	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3½ —	3½ — 3½ —	3½ — 3½ —
Bradf'd, Bordell & Kinz.	Sept. 30	‡475,600	Monthly	Company's Office.	3 3 1 —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —
Buf., Bradford & Pittsb.	Sept. 30	2,286,400	October	Lessee's Office, N.Y.	— — — —	— — — —	— — — —	— — — $\frac{83}{100}$	— — — —	— — — —	— — — —	— — — —
Buffalo, N. Y. & Erie	Sept. 30	950,000	June & Dec.	Lessee's Office.	— 3½ — —	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½
Buffalo & Southwest'n	Sept. 30	943,666	March & Sept.	Treasurer's Office.	— — — —	3½ — — 3½	— 3½ — 3½	— 2 — —	— 2 — —	— 2 — —	2 — 5 —	5 — 3 —
Cairo	Sept. 30	19,900	August	Catskill, N. Y.	— — — —	— — — —	— — — —	— — — —	— — 6 —	— — 6 —	— — 6 —	— — 6 —
Camden and Atlantic	Dec. 31	p. ‡880,650	December	Company's Office.	4 — — —	— — — —	7 — — —	— — — —	— — — —	2½ — 2½ —	— 2½ — —	— — — 3
Cam. & Burlington Co.	Dec. 31	381,295	Jan. & July	Treasurer's Office.	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	1½ — 1½ —
Canada Southern	Dec. 31	15,000,000	Feb. & Aug.	Lessee's Office, N.Y.	— — — —	— — 2 —	2 — — —	— — — —	— — — —	1¼ — 1¼ —	1¼ — 1¼ —	1¼ — 1¼ —
Canadian Pacific	Dec. 31	65,000,000	Feb. & Aug.	Mont., N. Y. & Lon.	6 — 3 —	3 — 2½ —	2½ — 2½ —	2½ — 1¼ —	1¼ — 1¼ —	1¼ — 1¼ —	1¼ — 1¼ —	1¼ — 1¼ —
Carson and Colorado	Dec. 31	‡5,000,000	A., J., O. & D.	Company's Office.	5 — — —	1¼ — — —	— — — —	— — — —	— — — —	— — — —	— — — —	1¼ 1¼ 1¼ 1¼
Catasauqua & Fogelsv'l	Sept. 30	426,900	Annually, Nov.	Treasurer's Office.	— — — 12	— — — 12	— — — 12	— — — 12	— — — 12	— — — 12	— — — 10	— — — 10
Catawissa, 1st pf'd	Nov. 30	2,200,000	May & Nov.	Company's Office.	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½
Catawissa, 2d pf'd	Nov. 30	1,000,000	May & Nov.	Company's Office.	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½
Cayuga & Susquehanna	Sept. 30	589,110	Jan. & July	44 South St., N.Y.	4½ — 4½ —	4½ — 4½ —	4½ — 5 —	4½ — 4½ —	4½ — 4½ —	4½ — 5 —	4½ — 4½ —	5 — 4½ —
Central Branch U. P.	Dec. 31	1,000,000	....	....	— — — —	— — — —	— — — —	— — — —	— — — 10	— — — 10	— — — —	....
Central of Georgia	June 30	7,500,000	June & Dec.	Company's Office.	— 4 — 4	— 4 — 3½	— 2½ — 3	— 2 — 2	— 2 — 2	— 4 — 4	— 4 — 4	— 4 — 4
Central of New Jersey	Dec. 31	‡18,588,200	Aug. & Nov.	Company's Office.	— — — —	— — — 1½	1½ 1½ 1½ —	— — — —	— — — —	— — — —	— — — —	— — 1½ 1½
Central Ohio‡	June 30	c. 2,500,000	Jan. & July	Lessee's Office, Balt.	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —
		p. 500,000			3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —
Central Pacific	Dec. 31	68,000,000	Feb. & Aug.	N. Y. and San Fran.	3 — 3 —	3 — 3 —	3 — — —	— — — —	— — — —	— — — —	1 — 1 —	1 — 1 —
Central of South Carol'a	June 30	‡170,000	J., A., J. & O.	Charleston, S.C.	— — — 1⅜	$\frac{9}{10}$ $\frac{9}{10}$ $\frac{9}{10}$ $\frac{9}{10}$	$\frac{9}{10}$ $\frac{9}{10}$ $\frac{9}{10}$ $\frac{9}{10}$	$\frac{9}{10}$ $\frac{9}{10}$ $\frac{9}{10}$ $\frac{9}{10}$	$\frac{9}{10}$ $\frac{9}{10}$ $\frac{9}{10}$ $\frac{9}{10}$	$\frac{9}{10}$ $\frac{9}{10}$ $\frac{9}{10}$ $\frac{9}{10}$	2 2 2 2	....
Charl., Col. & Aug.	June 30	2,578,000	Irregular	Columbia, S. C.	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — 4	1 — 1 —
Chartiers	Dec. 31	645,250	April & Oct.	Philadelphia, Pa.	— — — —	— — — —	— — — —	+ — — —	— — — —	— 2½ — 2½	— 2½ — 2½	— 2½ — 2½
Cheraw & Chester	Sept. 30	93,900	October 1	Chester, S. C.	— — — —	— — — 1½	— — — 1½	— — — 1½	— — — 1½	— — — 1½	— — — 1½	— — — 1½
Cheraw & Darlington	Sept. 30	392,100	December	Cheraw, S. C.	— — — —	— — — —	— — — —	— — — —	— — — 4	— — — 3	— — — 3	— — — 3
Cheshire	June 30	p. 2,100,000	Jan. & July	Keene, N. H.	1½ — 1½ —	1½ — 1½ —	1½ — 1½ —	1½ — 1½ —	2½ — 2½ —	3 — 3 —	3 — 3 —	3 — 3 —
Chester Creek	Oct. 31	185,000	Jan. & July	Lessee's Office.	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —
Chester & Lenoir	Sept. 30	348,000	April & Oct.	Chester, S. C.	— — — —	— ½ — ½	— ½ — ½	— ½ — ½	— ½ — ½	— ½ — ½	— ½ — ½	— ½ — ½
Chestnut Hill	Nov. 30	120,650	M., J., S. & D.	Treasurer's Office.	3 3 3 3	3 3 3 3	3 3 3 3	3 3 3 3	3 3 3 3	3 3 3 3	3 3 3 3	3 3 3 3
Chicago and Alton	Dc. 31	c. ‡14,114,600	M., J., S. & D.	John Paton & Co., New York.	4 — 4 —	4 — 4 —	4 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2
		p. 3,479,500			4 — 4 —	4 — 4 —	4 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2

***Ashuelot.*—Paid on April 1, 1888, an extra dividend of 2 per cent.**

Atchison, Topeka and Santa Fé.—Paid on January 1, 1882, a dividend of 50 per cent. in stock in addition to its regular cash dividend.

Belvidere Delaware.—In 1887, dividends of 6 per cent. each were paid from the earnings of the years 1885 and 1886.

Berkshire.—The rate of dividends is 7 per cent. less taxes, which are deducted from the October dividend, any surplus going to the dividend for January following.

Boston and Albany.—On September 27, 1883, a stock dividend of 10 per cent. was paid. On September 23, 1886, a stock dividend of 3⅓ per cent. was paid.

Boston and Lowell.—In addition to the above, which were paid from current earnings, the company paid the following extra dividends from surplus: In 1878, 2 per cent; in 1879, 1 per cent.; in 1880, 2 per cent.; in 1881, 2 per cent.; in 1883, 2½ per cent.

Boston and Providence.—On May 2, 1888, an extra dividend of 32½ per cent. was paid out of the bonus received from the Old Colony RR. Co., in accordance with the lease.

Bradford, Bordell and Kinzua.—First dividend paid September 1, 1880; thereafter monthly dividends of 2 per cent. each were paid until January 1, 1882, aggregating 34 per cent. In February, 1882, dividends were reduced to 1 per cent., and continued at that rate monthly until July, 1882, when the last dividend was paid. Dividends were on $250,000 stock.

Buffalo and Southwestern.—Capital stock is half preferred. Dividends were on preferred only. The first dividend was paid in January, 1883.

Buffalo, Bradford and Pittsburgh.—Dividends were paid in cash from royalties on oil.

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DIVIDENDS.—*Continued.*

Rates per cent. of Dividends Paid During the Eight Calendar Years, 1882 to 1889.

Names of Companies.	Close of Fiscal Year.	Capital Stock Dec. 31, 1889. p. Prefer'd. c. Common. $	Dividends, When Paid.	Dividends, Where Paid.	1882 1	1882 2	1882 3	1882 4	1883 1	1883 2	1883 3	1883 4	1884 1	1884 2	1884 3	1884 4	1885 1	1885 2	1885 3	1885 4
Chi., Burl'n & Quincy..	Dec. 31	‡76,392,600	M., J., S. & D.	Boston & N. York.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Ch.,De.& Can.Gr.Tr.Jc.	Dec. 31	‡1,095,000	June & Dec.	Detroit & London.	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2
Chicago & Eastern Ill.	June 30	c.6,197,800	....	....	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chic. & Indiana Coal.		p.4,465,000	M., J.,S. & D.	Han. Nat. B'k, N.Y.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chi., Milw'kee & St. P.‡	June 30	c. 39,680,361	April & Oct.	42 Wall St., N. Y.	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	1½	—	2½
Chi., Milw'kee & St. P.‡	June 30	p. 21,555,900	April & Oct.	42 Wall St., N. Y.	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½
Chic. & Northwestern‡.	May 31	c. 41,372,400	June & Dec.	52 Wall St., N. Y.	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3
Chic. & Northwestern‡.	May 31	p. 22,325,240	M., J., S. & D.	52 Wall St., N. Y.	1¾	2	2	2	2	2	2	2	2	2	2	2	2	2	1¾	1¾
Chi., Rock Isl. & Pacific	Mch. 31	‡46,156,000	F., M., A. & N.	13 Wm. St., N. Y.	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾
Chi., St. L. & N. Orleans	Dec. 31	‡10,000,000	Jan. & July	214 Broadway, N.Y.	—	—	—	—	1/10	—	2	—	2	—	2	—	2	—	2	—
Chi., St. P., Min.&Om.‡	Dec. 31	p. 12,643,700	Jan. & July	52 Wall St., N.Y.	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	—	3
Chicago & W. Michigan	Dec. 31	6,150,200	Feb. & Aug.	Boston Agency.	2½	—	—	—	3	—	—	—	2	—	2	—	1½	—	—	—
Chippewa Fls. & West'n	June 30	‡160,000	June & Dec.	Company's Office.	—	—	—	2½	—	4	—	4	—	4	—	4	—	4	—	4
Cin., Hamilt'n & Day'n.	Mc. 31	‡p. 1,000,000	J., A., J. & O.	Cincinnati, O.	—	—	—	3	—	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
		‡c. 4,000,000	May & Nov.		—	—	—	3	—	3	—	3	—	3	—	3	—	3	—	3
Cin., Indpls., St. L. & C.	June 30	10,000,000	J., A., J. & O.	New York Office.	1½	1½	1½	1½	1½	1½	—	—	—	—	—	—	—	—	—	1
Cin., N. Orl'ns & Tex. P.	Dec. 31	3,000,000	February	Treasurer's Office.	1½	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—
Cin., Sand. & Cleveland	June 30	p. 429,000	May & Nov.	Boston, Mass.	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3
		c.4,500,000			—	—	—	2	—	—	—	—	—	2	—	—	—	[illegible]	—	[illegible]
Clksb., Weston & G'nv.	July 31	‡125,000	Jan. & July	Weston, W. Va.	5	—	5	—	3	—	3	—	3	—	3	—	3	—	3	—
Cleveland, Akron & Col.	Dec. 31	4,000,000	Irregularly.	Co.'s Of., Akron, O.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Clev., Cin., Chic. & St. L.	June 30	....	....	Drex., Mor.&Co.NY	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Clev., Lorain& Wheeling	Dec. 31	p.4,600,000	Irregularly.	Treas. Office.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		c.1,000,000			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Clev. & Mahoning Val.	Sept. 30	2,759,200	M., J., S. & D.	Treasurer's Office.	—	5½	—	5½	—	5½	—	5½	—	5½	—	5½	2½	3½	2½	3½
Cleveland & Pittsburgh	Dec. 31	11,236,400	M., J., S. & D.	F. L. & T. Co., N.Y.	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾
Col., Hock. Val. & Tol.	Dec. 31	‡11,696,300	Various	W. L. & Co., N. Y.	—	—	—	—	2½	—	—	—	—	—	—	—	—	—	*13½	—
Columbus and Xenia...	Dec. 31	1,786,200	M., J., S. & D.	Treasurer's Office.	2	2	2	2	2	2	2	2	2	2	2	2	2½	2	2	2
Concord	Mch. 31	1,500,000	May & Nov.	Bos'n & Man., N.H.	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5
Concord & Portsmouth.	Sept. 30	350,000	Jan. & July	Bos'n & Man., N.H.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Conn.& Passump'c Rvs.	June 30	p. ‡2,500,000	Feb. & Aug.	Boston S.D.&Tr.Co	3	—	3	—	3	—	3	—	3	—	2½	—	2½	—	2½	—
Connecticut River......	Sept. 30	‡2,580,000	J., A., J. & O.§	Company's Office.	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—
Connecting (Phila.)....	Dec. 31	1,278,300	June & Dec.	Company's Office.	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3
Connecting Terminal...	Feb. 28	20,000	January	Company's Office.	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Consolidation Coal Co..	Dec. 31	10,250,000	January	71 Broadway, N. Y.	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Corn., Cow'que & Ant.	Sept. 30	p. 500,000	M., J., S. & D.	Treasurer's Office.	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	3	3	3	3	3	3	3	3
		c.1,500,000			1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
Cornwall...............	Nov. 30	400,000	Jan. & July	Treasurer's Office.	11	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—
Cornwall & Lebanon...	Sept. 30	600,000	Jan. & July	Lebanon, Pa.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Coudersport & Pt. Alleg.	Dec. 31	150,000	Jan. & July	Coudersport, Pa.	—	—	—	—	3	—	3	—	5	—	4	—	3	—	3	—
Cumb. & Maurice River	Dec. 31	250,000	June & Dec.	Treasurer's Office.	—	—	—	—	—	2	—	3½	—	3	—	3	—	3	—	3
Cumberland Valley	Dc. 31	1st p.241,900	J., A., J. & O.	Phila. & Carlisle, Pa.	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2	2	2	2
		2d p.243,000			2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2	2	2	2	2
		c. ‡1,292,950			2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2	2	2	2
Danbury and Norwalk.	Sept. 30	600,000	Feb. & Aug.†	Hous. R.R. Bridgp't.	—	1½	—	2½	—	2½	—	—	—	—	2½	—	2	—	3	—

Names of Companies.	1886 1	1886 2	1886 3	1886 4	1887 1	1887 2	1887 3	1887 4	1888 1	1888 2	1888 3	1888 4	1889 1	1889 2	1889 3	1889 4
Chi., Burl'n & Quincy..	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
Ch.,De.& Can.Gr.Tr.Jc.	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2
Chicago & Eastern Ill.	2½	—	2½	—	3	—	3	—	3	1½	1½	1½	See ft. note			
Chic. & Indiana Coal.	—	—	—	—	—	—	—	1½	1½	1½	1½	1½	1½	1½	1½	1½
Chi., Milw'kee & St. P.‡	—	2½	—	2½	—	2½	—	2½	—	2½	—	—	—	—	—	—
Chi., Milw'kee & St. P.‡	—	3½	—	3½	—	3½	—	3½	—	3½	—	2½	—	2	—	2½
Chic. & Northwestern‡.	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3
Chic. & Northwestern‡.	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾
Chi., Rock Isl. & Pacific	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¼	1¼	1	1	1	1
Chi., St. L. & N. Orleans	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—
Chi., St. P., Min.&Om.‡	—	3	—	3	—	3	—	3	3	—	3	—	2	—	2	—
Chicago & W. Michigan	2	—	1	—	1½	—	1	—	1	—	1	—	1	—	1	—
Chippewa Fls. & West'n	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4
Cin., Hamilt'n & Day'n.	1½	1½	1½	1½	1½	1½	1½	1½	1	1	1	1	1	1	1	1
	—	3	—	3	—	—	—	—	—	—	—	—	—	—	—	—
Cin., Indpls., St. L. & C.	1	1	1	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	—	—
Cin., N. Orl'ns & Tex. P.	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—	—
Cin., Sand. & Cleveland	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3
	—	—	—	—	—	—	—	—	—	—	5	—	—	—	3½	—
Clksb., Weston & G'nv.	3	—	4	—	3	—	2½	—	3	—	3	—	....			
Cleveland, Akron & Col.	—	—	—	10	—	—	—	—	—	—	—	—	—	1	—	—
Clev., Cin., Chic. & St. L.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1½
Clev., Lorain& Wheeling	—	5	—	—	—	2½	—	—	—	—	—	—	—	—	—	1½
	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—
Clev. & Mahoning Val.	2½	3½	2½	3½	2½	3½	2½	3½	2½	3½	2½	3½	2½	3½	2½	3½
Cleveland & Pittsburgh	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾
Col., Hock. Val. & Tol.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Columbus and Xenia...	2½	2	2	2	2½	2	2	2	2½	2	2½	2	2½	2	1½	2 %
Concord	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5
Concord & Portsmouth.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Conn.& Passump'c Rvs.	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—
Connecticut River......	4	—	4	2	2	2	2	2	2	2	2	2	2	2	2	2
Connecting (Phila.)....	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3
Connecting Terminal...	2½	—	—	—	6	—	—	—	6	—	—	—	6	—	—	—
Consolidation Coal Co..	1	—	—	—	½	—	—	—	—	—	—	—	2½	—	—	—
Corn., Cow'que & Ant.	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
Cornwall...............	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cornwall & Lebanon...	—	—	—	—	—	—	—	—	—	—	2	—	2	—	2	—
Coudersport & Pt. Alleg.	2½	—	3½	—	3½	—	2½	—	5	—	3½	—	....			
Cumb. & Maurice River	—	3	—	—	—	—	—	—	—	—	—	—	....			
Cumberland Valley	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Danbury and Norwalk.	2½	—	—	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—

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Dardanelle & Russellvi'e	Dec. 31	27,300	Annually.	Dardanelle, Ark.	— — — —	— — — —	— — — —	— — — 4	— — — 4	— — — 4	— — — 4	— — — 4
Dayton and Michigan ‡.	Mch. 31	p.1,211,250 c.2,128,600	J., A., J. & O. Apr. & Oct.	W., L. & Co., N. Y. Lessee's Office.	2 2 2 2 — 1¾ — 1¾	2 2 2 2 — 1¾ — 1¾	2 2 2 2 — 1¾ — 1¾	2 2 2 2 — 1¾ — 1¾	2 2 2 2 — 1¾ — 1¾	2 2 2 2 — 1¾ — 1¾	2 2 2 2 — 1¾ — 1¾	2 2 2 2 — 1¾ — 1¾
Delaware	Oct. 31	‡1,555,214	Jan. & July	Company's Office.	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —
Del. Bay and Cape May	Dec. 31	30,000	December	Company's Office.	— — — —	— — — 6	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —
Delaw'e & Bound Brook	Nov. 30	‡1,777,000	F., M., A. & N.	Phila., Pa.	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2
Del. & Hudson Canal	Dec. 31	‡24,500,000	M., J., S. & D.	Company's Office.	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾	1¼ 1¼ 1¼ 1¼	1¼ 1¼ 1¼ 1¼	1¼ 1¼ 1¼ 1¼	1¼ 1¼ 1¼ 1¼	1¾ 1¾ 1¾ 1¾
Del., Lackaw'na & W'n	Dec. 31	26,200,000	J., A., J. & O.	Company's Office.	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 1¾	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾
Denver and Rio Grande	Dc. 31	c.‡38,000,000 p. 23,650,000	January Jan. & July	New York Office.	1¼ — — — — — — —	— — — — — — — —	— — — — — — — —	— — — — — — — —	— — — — — — — —	— — — — — — 2½ —	— — — — 2½ — — *1¼	— — — — — — — —
Det., Bay City & Alpena	Dec. 31	1,670,000	January	Detroit, Mich.	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	4 — — —	— — — —
Detroit G. Haven & Mil.	Dec. 31	1,500,000	June & Dec.	Company's Office.	— 4 — —	— 2 — 6	— 2 — —	— — — —	— — — —	3 — — —	— — — —	— — — —
Det., Hillsdale & S.W'n	Dec. 31	1,350,000	Jan. & July	F. L. & T. Co., N.Y.	— — 1½ —	1½ — 1½ —	2 — 2 —	2 — 2 —	2 — 2 —	3 — 3 —	2 — 2 —	2 — 2 —
Det., Lansing & North'n	Dec. 31	p.2,510,000 c.1,825,000	Feb. & Aug.	Transfer Office.	3½ — 3½ — — — — —	3½ — 3½ — 3 — 5 —	3½ — 3½ — 3 — 3 —	3½ — 2 — — — — —	5 — 3½ — — — — —	3½ — 3½ — 3 — — —	3½ — — — — — — —	— — — — — — — —
Dexter and Newport	Sept. 30	122,000	March & Sept.	Company's Office.	1½ — 1½ —	1½ — 1½ —	1½ — 1½ —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —
Dillsb'g & Mechanicsb.	Dec. 31	‡89,800	May	Treasurer's Office.	— 6 — —	— 6 — —	— 6 — —	— 4 — —	— — — —	— 4 — —	— 3 — —	— — — —
Dover and Rockaway	Nov. 30	100,000	Jan. & July	Lessee's Office.	— 6 — —	— 6 — —	— 6 — —	— 6 — —	— 6 — —	— 6 — —	3 — 3 —	3 — 3 —
Dover & Winnipiseogee	Sept. 30	480,000	May & Nov.	Treasurer's Office.	— 3 — 3	— 3 — 3	— 3 — 3	— 3 — 3	— 3 — 3	— 3 — 3	— 3 — 3	— 3 — 3
Dubuque & Sioux City	Dec. 31	7,999,600	December	J. P. & Co., N. Y.	— 3 — 3	— 3 — 3	— 2 — 2	— 2 — 2	— — — —	— — — 1	— — — ½	— — — —
East Alabama	June 30	200,000	June & Dec.	Treasurer's Office.	— 2½ — —	— 2½ — 2½	— 2½ — —	— — — —	— — — —	— — — —	— — — —	— — — —
East Mahanoy	Nov. 30	479,700	Jan. & July	Treasurer's Office.	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —
Eastern Maine	Sept. 30	200,000	May & Nov.	Rockland, Me.	— — — —	— — — —	— — — —	— 2½ — 2½	— 2½ — 2½	— 2½ — 2½	— 2½ — 2½	— 2½ — 2½
East Pennsylvania	Nov. 30	1,714,900	Jan. & July	P.& R.RR.Co. Phil.	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —	3 — 3 —
East Tenn., Va. & Ga.‡	June 30	See Note.	December	2 Wall St., N. Y.	— — — —	— — — —	— — — —	— — — —	— — — —	— — 4 —	— — — 5	— — — 5
Eastern (Mass.)	Sept. 30	p.3,149,600 c.4,997,600	March & Sept. December	Boston, Mass.	— — — — — — — —	— — — — — — — —	— — — — — — — —	— — — — — — — —	— — — — — — — —	3 — 3 — — — — —	3 — 3 — — — — 4½	3 — 3 — — — — 6
Eastern (N. H.)	Sept. 30	492,500	June & Dec.	Treasurer's Office.	— 2½ — 2½	— 2½ — 2½	— 2½ — 2½	— 2½ — 2½	— 2½ — 2½	— 2½ — 2½	— 2½ — 2½	— 2½ — 2½
Eatonton Branch	Aug. 31	167,900	April	Treasurer's Office.	— 8 — —	— 8 — —	— 8 — —	— 8 — —	— 7 — —	— 8 — —	— 7 — —	— 8 — —
Eel River	Dec. 31	3,000,000	Apr. & Oct.	Treasurer's Office.	1 1 1 1	1 1 1 1	1 — 1 —	— — — —	— — — —	— — — 1	— 1 — 1	— 1 — 1
Elmira State Line	Sept. 30	guar. 29,200	Apr. & Oct.	Treasurer's Office.	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½	— 3½ — 3½
Elmira & Williamsport.	Dec. 31	p. 600,000 c. 500,050	Jan. & July May & Nov.	P. RR.Co., Phila.	3½ — 3½ — — 2½ — 2½	3½ — 3½ — — 2½ — 2½	3½ — 3½ — — 2½ — 2½	3½ — 3½ — — 2½ — 2½	3½ — 3½ — — 2½ — 2½	3½ — 3½ — — 2½ — 2½	3½ — 3½ — — 2½ — 2½	3½ — 3½ — — 2½ — 2½
Erie & Pittsburgh	Dec. 31	1,998,400	M., J., S. & D.	Union Tr. Co., N.Y.	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾	1¾ 1¾ 1¾ 1¾
European & N. America	Sept. 30	‡2,500,000	Apr. & Oct.	Treasurer's Office.	— — — 2½	— 2½ — 2½	— 2½ — 2½	— 2½ — 2½	— 2½ — 2½	— 2½ — 2½	— 2½ — 2½	— 2½ — 2½
Evansville & T. Haute	Aug. 31	‡3,000,000	J., A., J. & O.	F. L. & Co. N. Y.,	— — — —	— — *6 —	— *20 — —	— 1 1 1	1 1 1 1	1¼ 1¼ 1¼ 1¼	1¼ 1¼ 1¼ 1¼	1¼ 1¼ 1¼ 1¼
Fayette County	Sept. 30	107,400	J., A., J. & O.	Treasurer's Office.	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2
Fitchburg	Sept. 30	p. 12,441,600 c.7,000,000	Jan. & July	Company's Office.	3 — 3 —	3 — 3 —	3 — 2½ —	2½ — 2½ —	2½ — 2½ —	3 2 — 2	— 2 — —	— — — —
Flint & Père Marquette.	Dec. 31	p. ‡6,500,000	Jan. & July	Treasurer's Office.	3 — 3 —	3½ — 3½ —	3½ — 3½ —	2 — 2 —	2½ — 2½ —	3 — 3½ —	3½ — 3½ —	3½ — 3 —
Fonda, Johnst'n &Gl'v.	Sept. 30	300,000	March & Sept.	Gloversville, N. Y.	— 4 — 4	2½ 3 — 5	— — 4½ —	4½ — 5 —	5 — 5 —	5 — 5 —	5 — 5 —	5 — 5 —
Ft. Wayne & Jackson‡	Dec. 31	p. 2,287,832	March & Sept.	F. L. & Tr. Co.	2¾ — 2¾ —	2¾ — 2¾ —	2¾ — 2¾ —	2¾ — 2¾ —	2¾ — 2¾ —	2¾ — 2¾ —	2¾ — 2¾ —	2¾ — 2¾ —
Freeh'd & Jamesb. Agri.	Dec. 31	273,600	March & Oct.	Penna RR. Office.	— — — —	4 — — —	6 — — —	8 — — —	8 — — —	8 — — —	4 — — 3	— — — 3
Georgia	Mch. 31	4,200,000	J., A., J. & O.	A.E.N.Bk. N.Y. RR.Bk.Aug,Ga.	2½ 2½ 2½ 2½	2½ 2½ 2½ 2½	2½ 2½ 2½ 2½	2½ 2½ 2½ 2½	2½ 2½ 2½ 2½	2½ 2½ 2½ 2½	2½ 2½ 2½ 2½	2½ 2½ 2½ 2½

Chicago and Eastern Illinois.—The old common stock was exchanged for new preferred stock in January, 1888. (See POOR'S MANUAL for 1890, for furthur explanation.)

Chicago, St. Paul, Minneapolis and Omaha.—Rate of dividends changed in December, 1885, from 1¾ per cent. quarterly to 3 per cent. half-yearly.

Chicago and West Michigan.—Dividends paid only on $6,150,200; the remaining $583,000 being held in trust.

Cincinnati, Hamilton & Dayton.—Preferred dividend in November, 1882, was on $100,000; the other on $449,000.

East Tennessee, Virginia and Georgia.—Capital stock is now—common, $27,500,000; 1st preferred, $11,000,000; 2d preferred, $18,500,000. (See statement in body of MANUAL.)

Elmira, Jefferson and Canandaigua.—Previous to 1884 dividends were paid yearly, in September: since then half-yearly, March and September.

Fitchburg.—Capital stock was increased to its present figure in 1885. In addition to the dividends noted in the above table as being paid during 1887 and 1888, there were also dividends of ⅞ of 2 per cent. paid to Troy and Boston stockholders, on November 15, 1887, and May 15, 1888.

Flint & Père Marquette.—Included in the 8½ per cent. dividend, paid in third quarter of 1888, is an extra dividend of 5 per cent. paid from earnings and income for years 1881, 1882, 1883, 1884 and 1885.

[*a.* See foot-note, MANUAL for 1888 (appendix), page 34, explanatory of this.]

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DIVIDENDS.—*Continued.*

Names of Companies.	Close of Fiscal Year.	Capital Stock, Dec. 31, 1889. *p.* Prefer'd. *c.* Common.	Dividends, When Paid.	Dividends, Where Paid.	Rate per cent. of Dividends Paid During the Eight Calendar Years, 1882 to 1889.																											
					1882				1883				1884				1885				1886				1887				1888				1889			
					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Goshen & Deckertown	Sept. 30	$ 96,190	April	Treasurer's Office.	—	5	—	—	—	5	—	—	—	4	—	—	—	4	—	—	—	4	—	—	—	4	—	—	—	4	—	—	—	—	—	—
Grand River Valley	Dec. 31	491,200	Jan. & July	U. Tr. Co., N.Y.	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—
Greene	Sept. 30	200,000	Apr. & Oct.	Lessee's Office.	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3
Greenwich & Johnsonv.	Sept. 30	118,000	Jan. & July	Company's Office.	3	—	3	—	4	—	3	—	4	—	3½	—	1½	—	1½	—	4½	—	4½	—	4	—	3½	—	4	—	3½	—	4½	—	4	—
Hannibal & St. Joseph	Dec. 31	*p.* 5,083,024	Feb. & Aug.	Transfer Office.	3½	—	3½	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3½	—	3½	—	—	—	—	—	—	—	—	.5
Hanover and York	Dec. 31	‡224,250	Feb. & Aug.	Treasurer's Office.	2½	—	3	—	3	—	3	—	3	—	—	—	—	—	—	—	2	—	2	—	3	—	3	—	3	—	3	—	3	—	3	—
H'sb., P'tsm., Mt. J. & L.	Dec. 31	1,182,550	Jan. & July	Philadelphia, Pa.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Harrison Branch	June 30	200,000	J., A., J. & O.	Am. Ex. N. Bk., N.Y.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
Hartford & Con. Valley	Sept. 30	799,200	April & Oct.	Lessee's Office.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2	—	2	—	2	—	2
Hartf. & Conn. West'n.	Sept. 30	‡2,639,300	December	Hartford, Ct.	—	—	—	1½	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Henderson Bridge	June 30	1,000,000	Feb. & Aug.	Louisville & N.Y.	—	—	—	—	—	—	—	—	—	—	—	—	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½
Herk., Newport & Poland	Sept. 30	169,800	Jan. & July	Nat. Bk. of Newport, N. Y.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1½	—	1½	—	1½	—	1½	—	—	—	1	—
Hibernia Mine	Dec. 31	‡200,000	Jan. & July	Philadelphia, Pa.	15	—	6	—	6	—	6	—	6	—	4	—	3	—	3	—	3	—	3	—	3	—	3	—	10	—	5	—	3	—	2½	—
Holyoke & Westfield	Sept. 30	260,000	January	Treasurer's Office.	—	—	—	4	—	—	—	4	—	—	—	4	—	—	—	4	—	—	—	4	—	—	—	4	—	—	—	3	—	—	—	—
Housatonic	Sept. 30	*p.* 1,180,000	J., A., J. & O.	Bridgep't & Boston.	2	2	2	2	2	2	2	2	2	2	2	2	2	1½	1½	—	3	—	3	—	3	—	—	—	—	—	—	—	—	—	—	—
Humeston & Shenando.	June 30	4,026,000	.....	.....	—	—	—	—	—	—	—	—	—	—	—	8½	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hunt'gd'n & Brd. Top M.	Dec. 31	*p.* ‡1,985,250	Jan. & July	Philadelphia, Pa.	—	—	—	—	—	—	—	—	1½	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2½	—	2½	—	2½	—	2½	—
Illinois Central	Dec. 31	40,000,000	March & Sept.	New York Office.	3½	—	3½	—	5	—	5	—	4	—	4	—	4	—	4	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	2½	—	3	—
Illinois Central L. L. Ctf.	Dec. 31	10,000,000	Jan. & July	New York Office.	—	—	—	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—
Iowa Falls & Sioux C.	Mch. 31	4,600,000	M., J., S. & D.	Boston, Mass.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	—	—	—	—	—	—	—	—	—	—	—
Iowa Northern	June 30	90,000	.....	Colfax, Ia.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	—	—	—	3	—	—	—	5	—	—	—	—	—	—
Iron (New Co.)	June 30	600,000	Jan. & July	Boston, Mass.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2	—	2½	—	2½	—	2½	—	2½	—	2½	—	1	—	—	—
Ironton	Dec. 31	200,000	October	Company's Office.	—	—	6	—	—	—	6	—	—	—	—	5	—	—	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	—
Jack'n, Lans. & Sagin'w	Dec. 31	‡2,000,000	March & Sept.	Company's Office.	3½	—	—	—	3½	—	—	—	3½	—	—	—	3½	—	—	—	3½	—	—	—	3½	—	—	—	1½	—	1½	—	1½	—	1½	—
Joliet and Chicago	Dec. 31	1,500,000	J., A., J. & O.	U. S. T. Co., N. Y.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
Joliet & Northern Ind.	Dec. 31	300,000	Jan. & July	Gr. Cen. Dep., N. Y.	4	—	2	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—
Junction (Philadelphia)	Dec. 31	250,000	Apr. & Oct.	Company's Office.	—	6	—	10	—	10	—	10	—	30	—	10	—	10	—	10	—	10	—	20	25	—	—	—	—	20	—	25	—	25	—	25
Kal., Allegan & G. Rap.	Dec. 31	610,000	Apr. & Oct.	Gr. Cen. Dep., N.Y.	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3
Kan. C., Ft. Scott & G. ‡	Dec. 31	*p.* 2,750,000 *c.* 4,648,000	Feb. & Aug.	Boston, Mass.	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	✓	—	See foot note.			
					2	—	—	—	3	—	—	—	3	—	2½	—	2½	—	—	—	2½	—	1½	—	2½	—	2	—	2½	—	—	—	—	—	—	—
Kan. C., Ft. S. & Memp.	April 30	*p.* 2,749,800 *c.* 9,997,000	Feb. & Aug.	Boston, Mass.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2½	—	4	—	4	—	4	—
Kan. C., St. J. & Coun. Bl.	Dec. 31	5,862,574	Irregular	Boston, Mass.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1½	—	1½	—	1½	—	1½	—
					—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4½	—	—	—	—	—	—	—	4½	—	—	—	—	—	—	—	4
Kan. C., St. L. & Chic.	Dec. 31	*p.* 1,750,000 *c.* 271,700	May & Nov.†	J. Paton & Co. N.Y.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
					—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3½	—	3½	—	3	—	3	—
Kenneb'k & Kenneb'kp.	Sept. 30	65,000	May & Nov.	Treasurer's Office.	—	—	—	—	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½
Keokuk & Des Moines.	Mar. 31	*p.* 1,524,600	F., M., A. & N.	Lessee's Office.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	1	1
Lake Champ. & Moriah	Sept. 30	200,000	November	Poughkeepsie, N.Y.	—	—	—	20	—	—	—	13	—	—	—	17	—	—	—	10	—	—	—	10	—	—	—	10	—	—	—	10	—	—	—	10
Lake Shore & Mich. S'n	Dec. 31	*p.* 533,500 *c.* 49,466,500	Feb. & Aug.	Gr. Cen. Dep. N.Y.	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—
					2	2	2	2	2	2	2	2	2	2	1½	1½	—	—	—	—	—	—	—	—	2	—	2	—	2	—	2	—	2	—	2	—
Laurel Fork & Sand H.	Aug. 31	163,600	April	Philadelphia.	—	—	—	—	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lehigh Coal & Nav. Co.	Dec. 31	See below.	June & Dec.	Philadelphia.	—	2	—	2	—	2½	—	3	—	3	—	3	—	3	—	2½	—	2	—	2½	—	2	—	2	—	2	—	2½	—	2½	—	2½
Lehigh & Hudson Riv.	Sept. 30	1,340,000	January	New York Office.	2½	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lehigh Valley‡	Nov. 30	*p.* 106,300 *c.* 89,601,250	J., A., J. & O.	Company's Office.	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
					1½	1½	1½	2	2	2	2	2	2	2	2	2	2	1½	1½	1	1	1	1	1	1	1	1	1½	1½	1½	1½	1½	1½	1½	1½	1½

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Lewiston & Auburn Br.	June 30	150,000	Annually	Lessee's Office.	6	—	—	—	6	—	—	—	6	—	—	—	6	—	—	—	6	—	—	—	6	—	—	—	6	—	—	—
Little Miami	Dec. 31	‡4,837,300	M., J. S. & D.	Lafayette Bk., Cin.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Little Saw Mill Run	Dec. 31	‡144,375	Various	Company's Office.	2½	2½	—	—	2½	2½	—	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Little Schuylkill	Nov. 30	2,487,850	Jan. & July	Philadelphia.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Long Island	Sept. 30	‡12,000,000	F., M., A. & N.	192 Broadway, N.Y.	—	—	—	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Los Angeles & Indepen.	Dec. 31	502,500	.....	San Francisco.	4½	—	—	—	4	—	—	—	4	—	—	—	4	—	—	—	4	—	—	—	Con.	with	So.	Pacific.				
Louisiana & Mo. R.‡	Dec. 31	329,100	Feb. & Aug.	J. Paton&Co., N.Y.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Louisville & Nashville	June 30	‡33,112,800	Jan. & July	New York Office.	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*2	—	*3	—	*2	—	*3	—
Lowell & Andover	Sept. 30	500,000	June & Dec.	Lowell, Mass.	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½
Lykens Valley	Dec. 31	600,000	J., A., J. & O.	13 William St., N.Y.	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
Maine Central	Sept. 30	3,603,300	Feb. & Aug.	Portland, Me.	—	—	2	—	2½	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Mahoning Coal	Dec. 31	p. 400,000 c.1,373,000	Jan. & July Feb. & Aug.	Union Tr.Co.N.Y.	—	—	—	—	—	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—
					—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1½	—
Manchester & Lawrence	Mar. 31	1,000,000	May & Nov.	Manchester & Bost.	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5
Manhattan *consolidated*	Sept. 30	‡26,000,000	J., A., J. & O.	Company's Office.	—	—	—	—	—	—	—	—	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1	1	1*1½	*1½	*1½	—
Mansfield	Dec. 31	14,500	March	Mansfield, La.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10	—	—	—	10	—	—	—
Marq., Hough. & Onton. †	Dec. 31	p.2,378,456 c.2,378,600	Feb. & Aug.	Boston Office.	4	—	4	—	4	—	4	—	2½	—	—	—	3	—	2½	—	—	—	3	—	3	—	3	—	3	—	3	—
					—	—	—	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Massawippi Valley	June 30	400,000	Feb. & Aug.	Bost. S. D. & Tr. Co.	3	—	3	—	3	—	3	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—
Massillon & Cleveland	Dec. 31	200,000	§ F. M. A. & N.	Pittsburgh, Pa.	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
Michigan Central	Dec. 31	18,738,204	Feb. & Aug.	Gr. Cen. Dep., N.Y.	—	—	—	—	2	—	3	—	3	—	—	—	—	—	—	—	2	—	2	—	2	—	2	—	2	—	2	—
Middletown & Crawford	Sept. 30	122,200	Various	Lessee's Office.	—	—	—	—	3½	—	3	—	—	—	5	—	—	—	4	—	—	—	—	—	—	—	10	—	2	—	2½	—
Mid'l'n, Unionv. & W. G.	Dec. 31	‡149,850	Jan. & July	Lessee's Office.	3½	—	3½	—	6½	6½	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mifflin & Centre County	Dec. 31	167,775	March	Philadelphia, Pa.	—	—	—	—	—	—	—	—	—	—	—	—	6	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—
Milford & Woonsocket	Sept. 30	‡148,600	December	Company's Office.	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1½
Mill Creek & Mine Hill	Nov. 30	323,375	Jan. & July	Philadelphia.	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—
Millstone & N. Brunsw.	Dec. 31	95,750	Feb. & Aug.	New York Office.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Milwauk. & L. Winneb'o	Dec. 31	p. 780,000	July	Milwaukee, Wis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—	—	—	—
Milwaukee, L. S. & W'n	Dec. 31	p. 5,000,000	Jan. & July	Bank of Com., N.Y.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Mine H. & Schuylk. H'n	Nov. 30	4,081,900	Jan. & July	Philadelphia.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	4	—	3½	—	4	—	3½	—
Mineral Range	Dec. 31	400,000	J., A., J. & O.	New York Office.	—	—	10	—	—	—	10	—	—	—	10	—	—	—	10	—	2½	2½	2½	2½	2½	2½	—	—	—	—	—	—
Mississippi Riv. Bridge	Dec. 31	300,000	Jan. & July	C.&A.RR., Chicago.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Missouri Pacific	Dec. 31	‡45,000,000	J., A., J. & O.	Mer. Tr. Co., N. Y.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1	1	1	1
Monadnock	Sept. 30	‡205,400	April	Company's Office.	—	2	—	—	—	2	—	—	—	2	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	3	—	—
Monongahela Incline P.	Dec. 31	‡100,000	Jan. & July	Company's Office.	5	—	5	—	4	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Montgomery and Erie	Sept. 30	150,000	May & Nov.	N.Bk.Orange Co., Goshen, N.Y.	3½	—	3½	—	3	—	3½	—	—	—	3½	—	3	—	3	—	2½	2½	—	2½	—	2½	—	2	—	2	—	2½
Morris and Essex	Dec. 31	15,000,000	Jan. & July	26 Exch. Pl., N. Y.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Mt. Carbon & Pt. Carbon	Nov. 30	282,350	Jan. & July	Philadelphia.	6	—	6	—	6	—	6	—	6	—	6	—	6	—	5	—	6	—	6	—	6	—	6	—	6	—	6	—
Mt. Holly, L'm't'n & Mdf.	Dec. 31	95,650	Apr. & Oct.	Treasurer's Office.	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3
Mount Washington	Mar. 31	129,500	November	31 Milk St., Boston.	—	—	10	—	—	10	—	10	—	—	10	—	—	—	6	—	—	10	—	—	—	10	—	—	5	—	—	7
Nashua and Lowell	Sept. 30	800,000	May & Nov.	Boston & Nashua.	—	4	—	4	—	4	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	4	4½	—	4½	—	4½	—	4½	—
Nashv., Chatt. & St. L.	June 30	‡6,698,696	§ J., A., J. & O.	N. Y. & Nashville.	—	1½	—	—	—	—	—	2	—	2	—	—	—	—	—	1	—	1	1	1	1	1	1½	1½	1½	1½	1½	1½
Nashville & Decatur	June 30	2,189,582	Apr. & Oct.	Nashville, Tenn.	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3
National Docks	Dec. 31	1,200,000	J., A., J. & O.	55 Broadway, N. Y.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1½	1½	1½	1½	2	2	2	2½	—	4½	—	—

Hibernia Mine.—Previous to July, 1884, dividends were on $150,000.

Iowa Falls and Sioux City.—In addition to dividends paid in 1887, the company also paid a dividend of 30 per cent. from assets.

Kansas City, Fort Scott and Gulf.—Consolidated into Kansas City, Fort Scott and Memphis, in April, 1888.

Lake Shore and Michigan Southern.—This company paid an extra dividend of 1 per cent. on February 15, 1889.

Laurel Fork and Sand Hill.—Dividend of 1883 was paid February 14; that of 1885, March 20.

Lehigh Coal and Navigation Co.—The above dividends were paid on 221,967 shares in June, and 224,134 in December, 1882; 225,338 in June, and 228,837 in December, 1883; 232,350 in June, and 246,469 in December, 1884. Total number of shares, December 31, 1889, 256,894. Shares, $50 each.

Manhattan.—The last three dividends paid in 1889 were paid in registered bond certificates.

Missouri Pacific.—Capital stock has increased from $800,000, in 1878, to its present figure.

Monongahela Inclined Plane.—In addition to the above cash dividend, paid in July, 1882, there was paid a dividend of 40 per cent. in stock, 33⅓ per cent. of which was provided by a new issue, the remaining 6⅔ per cent. being old stock held by the company.

DIVIDENDS.—*Continued.*

Names of Companies.	Close of Fiscal Year.	Capital Stock, Dec. 31, 1889. p. Prefer'd. c. Common.	Dividends, When Paid.	Dividends, Where Paid.	Rate per cent. of Dividends Paid During the Eight Calendar Years, 1882 to 1889.																											
					1882				1883				1884				1885				1886				1887				1888				1889			
					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Nangatuck	Sept. 30	$ 2,000,000	Jan. & July	Company's Office.	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—
Nesquehoning Valley	Dec. 31	1,412,500	March & Sept.	Treasurer's Office.	3½	—	3½	—	3½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—
Nevada County (N. G.)	Dec. 31	242,200	March & Sept.	Company's Office.	3	—	3	—																										
Newark & Bloomfield	Dec. 31	103,850	June & Dec.	Lessee's Office.	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3
Newark & Hudson	Sept. 30	250,000	Jan & July	Lessee's Office.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3	—	3	—	3	—	3	—	3	—	3	—
Newburyport City	Sept. 30	97,000	March & Sept.	M. N. Bk., N'b'ypt.	2	—	1½	—	2	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	2	—	1½	—	2	—	1½	—
N. Castle & Beaver Val.	Dec. 31	‡700,000	J., A., J. & O.	Company's Office.	3½	3½	3½	3½	13½	3½	8½	3½	8½	3½	3½	3½	3½	3½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	2½	2½	2½	2½	2½	2½	2½	2½
New Haven & Northam.	Sept. 30	2,460,000	Jan. & July	New Haven, Conn																														
New London Northern.	Sept. 30	1,500,000	J., A., J. & O.	Company's Office.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
N. Orleans & Carroll'n	Dec. 31	800,000	.....	Company's Office.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	.....				.....			
Newport & Wickford	Sept. 30	100,000	March & Sept.	Company's Office.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—												
N. Y. Cen. & Hud. Riv.	Sept. 30	89,428,300	J., A., J. & O.	G. Cen. Dpt., N. Y.	2	2	2	2	2	2	2	2	2	2	2	1½	1½	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N. Y. & Coney Island	Sept. 30	‡100,000	Jan. & July	Lessee's Office.	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—
N.Y., Bkn. & Man. Beach	Sept. 30	p. 650,000	Apr. & Oct.	Lessee's Office.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—
New York & Flushing	Sept. 30	120,000	Apr. & Oct.	Lessee's Office.	—	—	—	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—
New York & Harlem	Sept. 30	{p. 1,361,350 c. 8,638,650}	Jan. & July} Jan. & July}	G.Cen. Dep., N.Y.	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—
City Line	Sept. 30	.....	April	Company's Office.	—	2	—	—	—	—	2	—	—	—	2	—	—	—	2	—	—	—	2	—	—	—	2	—	—	—	2	—	—	—	2	—	—	—
N. Y., Lacka. & West'n	Sept. 30	‡10,000,000	J., A., J. & O.	D. L. & W. RR., N. Y.	—	—	—	—	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
N. Y., L. Erie & West'n	Sept. 30	p. $8,536,900	January	Com. Office, N. Y.	6	—	—	—	6	—	—	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
N. Y. & New England	Sept. 30	p. $2,666,800	May & Nov.	244 Fed. St., Boston	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
N. Y., N. Haven & Hartf.	Sept. 30	‡18,600,000	§ J. A. J. & O.	New Haven, Conn.	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	2½	2½	—	2½	2½	2½	2½	2½	2½	2½	2½	2½
N.Y., Ontario & Western	Sept. 30	58,113,982	March	3d Nat. Bank, N. Y.	—	—	—	6																												
N. Y., Prov. & Boston	Sept. 30	‡4,000,000	F., M., A. & N.	Cen. Tr. Co., N. Y.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
Niag. B. & Canadaigua	Sept. 30	1,000,000	Jan. & July	Lessee's Office.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	—	—	—	—	—	—	—	—
Niagara Falls Branch	Sept. 30	250,000	May & Nov.	Cen. Tr. Co., N. Y.	—	3½	—	2½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Norfolk & O. View (N. G.)	Sept. 30	‡50,000	Annually	Norfolk, Va.	—	—	—	8	—	—	—	8	—	—	—	6	—	—	6	—	—	—	6	—	—	—	5	—	—	—	—	—	—	—	—	—	—
Norfolk & Western ‡	Dec. 31	p. 22,000,000	Apr. & Oct.	333 Walnut St., Phil.	1	1	1	1	—	—	—	—	*3½	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1½	—	1½
Norfolk Terminal	Dec. 31	322,600	June	333 Walnut St., Phil.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1½	—	—	—	—	—	—	—	—	—	—	—	—	—	1½	—	2½
North Brookfield	Sept. 30	100,000	March	N. Brookfield, Mass.	2½	—	—	—	2½	—	—	—	2½	—	—	—	2	—	—	—	2	—	—	—	3	—	—	—	3	—	—	—	3	—	—	—
North Carolina	May 31	4,000,000	March & Sept.	Burlington, N. C.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
North & West Branch	Dec. 31	1,500,000	May & Nov.	Lessee's Office.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Northeastern (S. Carol.)	Sept. 30	‡900,000	Jan. & July	Charleston, S.C.	—	—	—	—	—	3	—	3	—	3	—	3	—	—	—	3	3	—	—	—	3	—	—	—	3	—	3	—	3	—	3	—	3	—
Northern of California	Dec. 31	‡6,190,500	February	San Francisco.	1½	—	—	—	3½	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Northern, N. Hampshire	Mar. 31	3,068,400	May & Nov.	Boston & Concord.	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3
Northern Central	Dec. 31	‡7,150,000	Jan. & July	Balto. & Phila.	—	3	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	3	—	5	5	—	3	—	—	—
Northern N. J. (Erie)	Sept. 30	1,000,000	Jan. & July	New York Office.	1½	—	1½	—	2½	—	2½	—	1½	—	1½	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—
Northern Pacific	June 30	p. $7,936,776	January	New York Office.	—	—	—	—	11½	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
North Pennsylvania	Nov. 30	‡4,985,450	F., M., A. & N.	Philadelphia, Pa.	1½	1½	1½	1½	1½	1½	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Norwich & Worcester	Sept. 30	‡2,620,300	Jan. & July	20 N. Bank, Boston	5	—	5	—	5	—	5	—	5	—	5	—	5	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—
Ogden Mine	Nov. 30	450,000	† Jan. & July	Company's Office.	—	5	—	—	—	5	—	—	—	5	—	—	—	—	5	—	—	—	5	—	—	—	—	—	2½	—	2½	—	2½	—	2½	—	2½	—
Old Colony	Sept. 30	11,966,900	Jan. & July	Company's Office.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	2½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Oregon Improvem't Co.	M'y 31	{c. $7,000,000 p. 1,794,100}	F. M. A. & N. Mar. & Sept.	New York, N. Y.	—	—	—	—	—	—	3½	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1½	1	1	1	1	—	—
					—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3½	—	3½	—	3½	—	3½	—	—	—

Oregon Ry. & Nav. Co.	June 30	‡24,000,000	F., M., A. & N.	Co's Office, N. Y.	2	2	2	2	2½	2½	1½	2½	2	1½	1½	1½	1½	1½	—	1½	2	1½	1½	2	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
Ore. & Transcontin'l Co	June 30	40,000,000	J., A., J. & O.	New York, N. Y.	—	—	—	—	1½	1½	1½	1½	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oswego & Syracuse	Sept. 30	1,320,400	Feb. & Aug.	Lessee's Office.	4½	—	4½	—	4½	—	4½	—	4½	—	4½	—	4½	—	4½	—	4½	—	4½	—	4½	—	4½	—	4½	—	4½	—	4½	—	4½	—
Pac. Mail Steamship Co	April 30	20,000,000	F., M., A. & N.	Co's Office, N. Y	—	—	—	—	—	—	—	—	—	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	—	—	—	—	—	—	—	—	—	—	—	—
Panama	Dec. 31	7,000,000	Jan. & July	Company's Office	6	—	6½	—	6½	—	7	—	8	—	8	—	8	—	2	—	—	—	—	—	—	—	—	—	6	5	7	5	5	—	4	—
Passaic & Delaware	Dec. 31	111,050	Feb. & Aug.	Lessee's Office.	—	—	—	[illegible]	—	—	—	5	—	—	—	5	—	—	—	5	—	—	—	5	—	—	—	5	—	—	—	5	2½	—	2½	—
Paterson & Hud. (Erie)	Sept. 30	630,000	Jan. & July	15 Broad St., N. Y.	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—
Paterson & Ramapo	Sept. 30	248,000	Jan. & July	New York, N. Y.	4½	—	4½	—	4½	—	4½	—	4½	—	4½	—	4½	—	4½	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—
Pawtuxet Valley	Sept. 30	100,900	Feb. & Aug.	Providence, R.I.	2½	—	2½	—	3	—	3	—	5	—	3	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Pembert'n & Hightst'n	Dec. 31	342,150	Jan. & July	Company's Office.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	—	—	—	—	—	—	—	—
Pemigewasset Valley	Mar. 31	‡503,400	Feb. & Aug.	Manches. & Boston.	—	—	—	—	—	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Pennsylvania	Dec. 31	‡113,488,600	May & Nov.	Company's Office.	—	4	—	4½	—	4	—	4½	—	4	—	3	—	3	—	2	—	2½	—	2½	—	2½	—	3	—	2½	—	2½	—	2½	—	2½
Pennsylvania Company	Dec. 31	‡20,000,000	Annually, Dec.	Company's Office.	—	—	—	4	—	—	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pennsylvania & N. Y.	Nov. 30	p. 4,000,000	Annually, Jan.	Philadelphia, Pa.	10	—	—	—	10	—	—	—	10	—	—	—	10	—	—	—	8	—	—	—	8	—	—	—	—	—	—	—	—	—	—	—
Pensacola & Andalusia	Jan. 31	290,000	January	Escambia, Fla.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—	—	3	—	—	—
Peoria & Bureau Valley	Mar. 31	1,500,000	Feb. & Aug.	Lessee's Office, N.Y	4	—	4	4	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—
P. Amboy & W'dbridge	Dec. 31	194,020	Jan. & July	New York, N. Y.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	—	—	—	—	—	25	—	—
Peterborough	Sept. 30	385,000	April & Oct. †	Treasurer's Office.	—	3	—	—	—	3	—	—	—	3	—	—	—	3	—	—	—	3	—	—	—	3	—	—	—	3	—	3	—	3	—	3½
Petersburg	Sept. 30	c. 1,000,000	January	Richmond, Va.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—	2	—	—	—
		p. 323,500			3	—	—	—	3	—	—	—	3	—	—	—	3	—	—	—	3	—	—	—	3	—	—	—	3	—	—	—	—	—	—	—
Phila., G'mt'n & N'st'n	Nov. 30	2,246,900	M., J., S. & D.	Treasurer's Office.	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Phila. & Trenton	Dec. 31	1,259,100	J., A., J. & O.	Company's Office.	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
Phila., Wilm. & Balt.	Oct. 31	‡11,819,350	Jan. & July	Company's Office.	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	3	—	4	—	4	—	3	—
Pittsburgh Junction	Dec. 31	p. 480,000	Jan. & July	Pittsburgh, Pa.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3½	—	3½	—	3½	—	3½	—
Pittsb'g, Ft. Wayne & C.	Dec. 31	‡32,090,700	J., A., J. & O.	W., L. & Co., N. Y.	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾
Pit., McKeesp. & Yough.	Dec. 31	3,100,000	Jan. & July	Union Tr. Co., N.Y.	—	—	—	—	—	—	—	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Pittsb., Wheel'g & Ken.	Dec. 31	‡ 433,322	April & Oct.	Treasurer's Office.	—	—	—	—	—	*10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	—	—	—	7	—	—	—	3	—	3
Pittsb., Youngs'n & Ash	Dec. 31	3,033,342	March & Sept.	F. L. & Tr. Co., N.Y.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Pittsfield & N. Adams	Sept. 30	450,000	Jan. & July	Boston, Mass.	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—
Portl'd, Saco & P'tsm'th	Sept. 30	1,500,000	Jan. & July	Boston, Mass.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Portland & Rochester	Sept. 30	‡592,070	Jan. & July	Portland, Me.	—	—	—	—	—	—	—	—	2	—	2	—	2	—	2	—	2	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Portsmouth & Dover	Sept. 30	‡769,000	Jan. & July	Treasurer's Office.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Ports., Gt. Falls & Con.	Sept. 30	1,150,300	December	Treas. Office, Bos.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4½	—	—	—	6
Profile & Franconia N.	Sept. 30	‡200,000	October	Company's Office.	—	—	—	7	—	—	—	6	—	—	—	4	—	—	—	4	—	—	—	4	—	—	—	4	—	—	—	4	—	—	—	5
Prov., Warren & Bristol	Sept. 30	p. 150,000	Feb. & Aug.	Prov. & Boston.	—	—	—	—	6	—	6	—	3	—	3	—	1½	—	1½	—	—	—	—	—	—	—	—	—	3	—	3	—	3	—	3	—
Providence & Worcester	Sept. 30	‡3,500,000	M., J., S. & D.	Company's Office.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	4½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
Pullman's Palace Car Co	July 31	‡25,000,000	F., M., A. & N.	F. L. & Tr. Co., N.Y.	2	2	2	3½	2	2	2	3½	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Raleigh & Gaston	Sept. 30	1,500,000	April & Oct.	Company's Office.	—	—	—	—	—	—	—	3	—	—	—	3	—	—	—	5	—	2	—	2	—	2	—	2	—	2	—	2	....	....	....	....
Rensselaer & Saratoga	Sept. 30	8,563,200	Jan. & July	D. & H. C. Co., N.Y.	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—

New York, New Haven and Hartford.—Dividends payable quarterly after 1886.

New York, Pennsylvania and Ohio.—See MANUAL for 1888, page 274.

Norfolk and Western.—The 1884 dividend was paid January of that year, in convertible debenture scrip.

North Carolina.—Capital stock—common, $3,000,000; preferred, $1,000,000.

Northern (N. H.).—On April 1, 1885, an extra dividend of 7 per cent. was paid.

Northern Central.—Also paid 10 per cent. stock dividend in 1887.

Northern Pacific.—Since 1878 the preferred stock has been reduced from $51,000,000. The 1883 dividend was paid in certificates.

Oregon Improvement.—During 1888 dividends were paid on preferred stock as follows: March 1, 3½ per cent. on $669,400; September 1, 3½ per cent. on $794,100.

Oregon and Transcontinental.—The January and April dividends were on $35,000,000; the others on $40,000,000.

Panama.—Dividends were paid quarterly, February, May, August, and November, up to August, 1881, since when they have been paid half-yearly, January and July.

Pennsylvania.—In May, 1882, 8 per cent. subscriptions were authorized, in addition to the cash dividends paid. The November, 1882, dividend, was paid 2½ per cent. in cash and 2 per cent. in convertible scrip. In May, 1883, was paid 2 per cent. cash, 2 per cent. scrip, and 4 per cent. allotment; in November, 1883, 2½ per cent. cash and 2 per cent. dividend certificates, convertible into stock or cash; and in May, 1884, 2 per cent. cash and 2 per cent. convertible dividend certificates.

Philadelphia and Trenton.—Dividends are paid only on $484,100. no dividend being paid on the remaining $765,000, according to terms of contract.

Providence and Worcester.—Dividend periods changed: 3 per cent. semi-annually was paid January 1, 1½ per cent. quarterly March 31, and 2½ per cent. quarterly June 30, September 30 and December 31, 1887. An extra dividend of 10 per cent. was paid June 29, 1889, from cash assets.

DIVIDENDS—*Continued.*

Names of Companies.	Close of Fiscal Year.	Capital Stock, Dec. 31, 1889. *p.* Prefer'd, *c.* Common.	Dividends, When Paid.	Dividends, Where Paid.	Rate per cent. of Dividends Paid During the Eight Calendar Years, 1882 to 1889.																											
					1882				1883				1884				1885				1886				1887				1888				1889			
					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Rhode I. & Mass. (Mass.)	Sept. 30	$ 100,000	Jan. & July	Company's Office.	3	—	3	—	3	—	3	—	5	—	5	—	5	—	5	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—
Rhode I., & Mass. (R.I.)	Sept. 30	180,000	Jan. & July	Company's Office.	—	—	—	—	—	—	—	—	3	—	3½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—
Richmond & Danville..	Sept. 30	‡5,000,000	F., M., A. & N.	2 Wall St., N. Y.	3	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—	—	5	—	—	—	5	—
R., F., P., R. & P. Con.	Sept. 30	200,000	May & Nov.	Richmond, Va.	—	5	—	5	—	5	—	5	—	5	—	—	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	4	—	4	—	4
Rich., Fred. & Potomac‡	Sept. 30	{*g.* 500,400 {*c.* 2,228,000	May & Nov.) Jan. & July}	Richmond, Va.	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½
					—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	—	—	—	—	3½	—	3½	—	3½	—	3½
Richmond & Petersb'g.	Sept. 30	1,000,000	Jan. & July	Company's Office.	1½	—	1½	—	—	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	3	—	3	—	3½	—	3½	—	3½	—	3½	—
Richm'd & W. Point Ter.	Nov. 30	*p.* 5,000,000	Jan. & July	2 Wall St., N. Y.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2½	—	2½	—	2½	—	2½	—	2½	—
Rich., York R. & Ches.	Sept. 30	497,500	Jan. & July	Lessee's Office.	—	6	—	—	—	6	—	—	—	6	—	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Ridgeway & Clearfield..	Dec. 31	491,000	December	Philadelphia, Pa.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	—	—
River Front.....	Dec. 31	‡216,000	May & Nov.	Philadelphia, Pa.	—	—	—	—	—	—	—	—	—	—	—	—	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½
Rochester & Genesee V.	Sept. 30	355,200	Jan. & July	Lessee's Office.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Rochester & L. Ontario	Sept. 30	65,000	Various	Company's Office.	5	—	5	5	—	—	5	10	5	—	5	—	—	—	5	—	—	—	11	—	—	—	—	—	—	—	5	—	—	—	10	—
Rock Isl. & Mercer Co.	June 30	150,000	.....	Rock Island, Ill.	—	10	—	—	—	10	—	—	—	6	—	—	—	—	—	—	Consolidat				ed with R				ock Island				& Peoria.			
Rock Island & Peoria..	Dec. 31	1,500,000	Jan. & July	Corn Ex. B'k, N. Y.	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½
Rockville.....	Sept. 30	*p.* 40,000	Jan. & July	Rockville, Ct.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Rocky Hill....	Dec. 31	45,600	June & Dec.	Lessee's Office.	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3
Rome.....	June 30	250,844	.....	.....	—	—	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rome & Clinton	Sept. 30	345,300	Jan. & July	Company's Office.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Rome, Wat. & Ogd.....	Sept. 30	5,467,800	Feb. & Aug.	Company's Office.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	3	—	3	—	3	—	3	—	3	—
Rutland.....	June 30	*p.* 4,239,100	Feb. & Aug.	Company's Office.	1	—	1	—	—	—	—	—	—	—	1	—	—	—	1	—	½	—	½	—	½	—	½	—	—	—	1	—	½	—	1	—
Saginaw & Grand Rap.	Dec. 31	70,000	January	Company's Office.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10	—	—	—	10	—	4	—	4	—
Saginaw & Western....	Dec. 31	4,500	Jan. & July	Company's Office.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7	—	—	—	7	—	3½	—	3½	—
St. Louis, Alton & T. H.	Dec. 31	*p.* 2,468,400	Annually, May	New York Office.	—	7	—	—	—	7	—	—	—	7	—	—	—	7	—	—	2½	—	—	—	—	1½	—	—	—	1½	—	—	—	1	—	—
St. Louis Bridge	D. 31	{1 *p.* 2,450,000 {2 *p.* 3,000,000	} Jan. & July	Company's Office.	—	—	2½	2½	—	2½	—	2½	2½	—	2½	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
					—	—	—	—	—	—	—	1½	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—
St. L., Council Bl. & Om.	Dec. 31	626,000	.....	.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	3	—	3	—	3	—	—	—	—	—	—	—	—
St. Louis & Hannibal..	Dec. 31	589,110	Jan. & July	.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4½	—	4½	—	.....			
St. Louis & S. Fr'cisco‡	Dec. 31	1 *p.* 4,500,000	Feb. & Aug.	15 Broad St., N. Y.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
St. Louis & San Fran'co	Dec. 31	*p.* 10,000,000	Ap'l, J'y & Oct.	New York, N. Y.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2½	—	2½	—	2½	—	1	1
St. Paul & Duluth‡.....	Dec. 31	*p.* 5,376,100	Jan. & July	Fourth Nat. Bank.	1½	1½	—	—	3½	—	3½	—	3½	—	*7	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	2	—
St. P., Minneap. & Mnto.	June 30	‡20,000,000	F., M., A. & N.	40 Wall St., N. Y.	3½	—	3½	2	2	2	2	2	2	2	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
St. Paul & North'n Pac.	June 30	‡5,000,000	J., A., J. & O.	35 Wall St., N. Y.	3	—	5	—	3	—	3	—	3	—	3	—	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
St. Paul Union Depot..	Dec. 31	350,000	May & Nov.	Company's Office	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Sandersville & Tennille	July 31	6,200	.....	Company's Office.	—	—	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sandusky, Mnsf. & N'k	Sept. 30	1,065,000	February.	Moss N. Bk., Sand'y	2	—	—	—	2	—	—	—	2	—	—	—	3	—	—	—	3	—	—	—	3	—	—	—	3	—	—	—	3½	—	—	—
Sandy River.....	Sept. 30	69,100	June & Dec.	Phillips, Me.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	3	—	3
San Pablo & Tulare....	Dec. 31	1,861,000	Annually, Feb.	San Francisco.	5	—	—	—	4½	—	—	—	4½	—	—	—	6	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—	.....			
Sara. & Schenectady....	Sept. 30	450,000	Jan. & July	Lessee's Office.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Sav., Americus & Mont.	Dec. 31	149,259	.....	Treasurer's Office.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—	—	—	—
Savan'h, Fla. & Western	Dec. 31	‡5,925,000	Annually, Mar.	Company's Office.	6½	—	—	—	7	—	—	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Schuylkill & Lehigh ...	Dec. 31	50,000	.....	.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	3	—	3	—	3	—	—	—	—	—	—	—	—	—
Schuylkill Valley	Nov. 30	576,050	Jan. & July	Philadelphia, Pa.	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—
Seaboard & Roanoke ..	Feb. 28	1,058,700	May & Nov.	Fr. & Pl. Bk., Balt.	—	5	—	5	—	5	—	5	—	5	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—	5	—	5	—	5	—	5

Shade Gap	Dec. 31	92,600	Jan. & July	.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shamokin Val.&Pottsv.	Dec. 31	869,450	Feb. & Aug.	P. RR. Co., Phil.Pa.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Sharon	Sept. 30	‡410,350	March & Sept.	Sharon, Pa.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3	—	3	—
Shelby	June 30	‡760,000	February.	Shelbyville, Ky.	—	—	—	—	—	—	—	—	—	—	—	—	2½	—	2½	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shore Line	Sept. 30	1,000,000	Jan. & July	N. Haven Nat. Bk.	3½	—	4	—	3½	—	4	—	3½	—	4	—	3½	—	4	—	3½	—	4	—	3½	—	4	—	3½	—	4	—	3½	—	4	—
Sioux City & Pacific	June 30	p. 169,000	April & Oct.	Boston, Mass.	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½
Skaneateles	Sept. 30	77,800	Annually, Nov.	Company's Office.	—	—	—	2	—	—	—	2	—	—	—	2	—	—	—	2	—	—	—	2	—	—	—	2	—	—	—	4	—	—	—	4
South Branch (N. J.)	Dec. 31	438,300	.....	.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	—	—	—	—
Southwest Pennsyl	Dec. 31	‡998,850	March & Sept.	Philadelphia, Pa.	4	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—
Southwestern (Ga.)	Aug. 31	‡5,174,500	June & Dec.	Savannah & Macon	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½
Spencer	Sept. 30	.....	.....	.....	—	—	—	—	—	—	—	—	—	—	—	—	4½	—	4½	—	3	—	2½	—	2½	—	—	—	—	—	—	—	—	—	—	—
Spuyten D. & Pt.Morris	Sept. 30	989,000	Jan. & July	Lessee's Office.	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—
Stamford & N. Canaan	Sept. 30	99,877	April & Oct.	Lessee's Office.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—
Staten Island	Sept. 30	210,000	J., A., J. & O.	Lessee's Office.	6¾	6¾	6¾	—	—	—	13½	—	—	6¾	6¾	4½	6¾	6¾	6¾	6¾	6¾	6¾	6¾	6¾	6¾	6¾	6¾	6¾	6¾	6¾	6¾	6¾	6¾	6¾	6¾
Stockbridge & Pittsf'd.	Sept. 30	448,700	Jan. & July	Treasurer's Office.	2	—	3½	—	1½	—	3½	—	1½	—	3½	—	1½	—	3½	—	1½	—	3½	—	1½	—	3½	—	1½	—	3½	—	1.85½	—	1.86
Stony Brook	Sept. 30	300,000	May & Nov.	Lowell, Mass.	—	3	—	3	—	3	—	3	—	3	—	3	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	5
Stony Clove & Catsk.M.	Sept. 30	124,000	September	Company's Office.	—	—	—	—	—	—	—	—	—	—	—	—	2½	—	2½	—	2½	—	2½	—	—	—	5	—	—	—	—	—	—	—	5	—
Suffolk & Carolina	June 30	400,000	Aug. & Dec.	.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	—	—	—	2½	—	—	—	—	—	—	—
Sullivan County	Sept. 30	500,000	April & Oct.	Springfield, Mass.	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4
Sunbury, Haz. & Wilkesb	Dec. 31	1,000,000	May & Nov.	.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	3	—	2½	—	2½	—	—	—	2½	—	2½	—	—	—	3	—
Sunbury & Lewistown	Dec. 31	‡600,000	April & Oct.	G.Tr.& S.D.Co.,Ph.	—	3	—	3½	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3
Suncook Valley	Mar. 31	‡341,700	Jan. & July	Manchester, N. H.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Syra.,Bing'mton & N.Y.	Sept. 30	‡2,500,000	F., M., A. & N.	D.L. & W., Off. N.Y.	2½	2½	2½	2½	2½	2	2	2	2	2	2	2	—	—	1½	1½	1½	1½	1½	1½	1½	1½	6	2	2	2	2	2	2	2	2
Syracuse,Genev.&Cor'g	Sept. 30	1,325,000	March & Sept.	Treasurer's Office.	—	—	—	—	—	—	—	—	5	—	—	1	4	—	4	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Talbotton	April 30	35,000	May	Talbotton, Ga.	—	—	—	—	—	—	—	—	—	—	—107	—	—	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tenn. Coal & Iron Co.	Jan. 31	p. 1,000,000	January	4th Nat. Bank, N.Y.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	—	—	—	—	—	4	—	—	—	—	—
Terre H. & Indianapolis	Oct. 31	1,988,150	Feb. & Aug.	F. L. & T. Co., N.Y.	4	—	4	—	4	—	4	—	4	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Troy & Bennington	Sept. 30	150,800	Feb. & Aug.	U.N.B'k,Troy,N.Y.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Troy and Greenbush	Sept. 30	274,400	June & Dec.	Troy, N.Y.	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½
Tyrone and Clearfield	Dec. 31	1,000,000	June & Dec.	233 So.4th St.,Phila.	3½	—	3½	—	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½
Tunnel RR. of St. L.	Dec. 31	1,250,000	Jan. & July	Company's Office.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Union of Ramapo	Sept. 30	50,000	Jan. & July	Lessee's Office.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Union Freight	Sept. 30	300,000	Jan. & July	Boston, Mass.	—	—	—	7	—	—	—	7	—	—	—	7	—	—	—	7	—	—	—	7	—	—	—	6½	3½	—	3½	—	3½	—	3½	—
Union Pacific	Dec. 31	‡60,868,500	J., A., J. & O.	N. Y. & Boston.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
United Cos. of N. J.	Dec. 31	‡21,240,400	J., A., J. & O.	Phila. & N. Y.	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½
Utah Central	Dec. 31	‡4,250,000	J., A., J. & O.	Salt Lake C. & N.Y.	¼	¼	¼	¼	¼	¼	¼	¼	¼	¼	¼	¼	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Utah and Northern	Dec. 31	‡5,543,000	December 30	Company's Office.	—	—	—	6	—	—	—	—	—	—	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Utica & Black River	Sept. 30	‡2,223,000	March & Sept.	Utica, N.Y.	2½	—	2½	—	3½	—	3½	—	3	—	3	—	3	—	3	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Utica, Ch. & Susq. Val.	Sept. 30	4,000,000	May & Nov.	Lessee's Office.	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3
Valley (D., L. & W.)	Sept. 30	750,000	Jan. & July	Lessee's Office.	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—
Vermont & Mass.	Sept. 30	3,193,000	April & Oct.	Company's Office.	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3
Vermont Valley	Mar. 31	1,000,000	Jan. & July	Bellows Falls, Vt.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	2	—	2	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Vincentown Branch	Dec. 31	25,000	Jan. & July	Lessee's Office.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Virginia & Truckee	Dec. 31	5,000,000	Monthly	Virginia, Nev.	1½	—	—	—	2½	—	—	—	3½	—	—	—	3	—	—	—	4½	—	—	—	5½	—	—	—	5½	—	—	—	—	—	—	—
Ware River	Sept. 30	750,000	Jan. & July	B. & A. RR., Bos.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—
Warren	Dec. 31	1,800,000	Apr. & Oct.	26 Exch. Pl., N. Y.	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½

Rhode Island and Massachusetts.—In addition to above, there was paid in 1884 a dividend of 8 per cent. from surplus of 1883.
Savannah, Florida and Western Ry.—See General Index to MANUAL for 1889.
Seaboard and Roanoke.—See statement in MANUAL for 1888, page 647.
Southwestern, of Georgia.—In 1882 the capital stock was increased from $3,892,000 to its present figure.
Stony Brook.—Paid on November 1, 1888, an extra dividend of ½ per cent.
Syracuse, Geneva and Corning.—In addition to the dividend payments mentioned in the above table, the company also paid the following extra dividends: March 15, 1884, 5 per cent.; October 20, 1884, 1 per cent.; May 25, 1885, 4 per cent; October 1, 1885, 4 per cent.
Talbotton.—On May 1, 1884, a stock dividend of 100 per cent. was declared, also cash dividends of 7 per cent.
Tennessee Coal and Iron.—On May 14, 1887, a dividend of 1 per cent. was paid on $10,000,000 common stock.

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DIVIDENDS—*Continued.*

Names of Companies.	Close of Fiscal Year.	Capital Stock, Dec. 31, 1889. *p.* Prefer'd. *c.* Common.	Dividends. When Paid.	Dividends. Where Paid.	Rate per cent. of Dividends Paid During the Eight Calendar Years, 1882 to 1889.																							
					1882				1883				1884				1885				1886				1887				1888				1889			
					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Warren & Farnsw'h V.	Dec. 31	75,000	.....	.....	—	—	—	—	—	—	—	—	—	—	—	—	—	2½	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wash'n Br. (B. & O.)	Sept. 30	1,650,000	Aug. & Nov.	Treasurer's Office.	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—	5	—
West Amesbury	Sept. 30	57,000	Jan. & July	Merrimac, Ct.	1½	—	1½	—	1½	—	1½	—	1½	—	1½	—	1	—	1	—	1	—	1	—	1	—	1	—	1	—	½	—	½	—	½	—
West Chester	Dec. 31	165,000	Feb. & Aug.	Philadelphia, Pa.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2½	—	2½	—	2½	—	2½	—
Western of Alabama	Aug. 31	3,000,000	.....	.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1½	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Western Pennsylvania	Dec. 31	1,775,000	April & Oct.	.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	3	—	3	—	3	—
West Jersey	Dec. 31	*c.* $3,012,600 *gld.* 122,250	Mar. & Sept. June & Dec.	Lessee's Office.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3½	—	3½	—	3½	—
West Jersey & Atlantic	Dec. 31	$827,550	March & Sept.	Lessee's Office.	—	—	—	—	—	—	—	—	4	—	2	—	2	—	3	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—	2½	—
West Stockbridge	Sept. 30	39,600	Jan. & July	Treasurer's Office.	2	—	2	—	2	—	2	—	2	—	2	—	2	—	2	—	—	4	—	—	—	—	—	—	—	—	—	—	—	—	4 4/100	—
Western Union	June 30	$86,200,000	J., A., J. & O.	195 Broadway, N.Y.	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	—	—	—	—	—	—	—	—	—	—	—	—	1¼	1¼	1¼	1¼
Wheeling & Lake Erie	June 30	*p.* 3,600,000	F., M., A. & N.	40 Wall St., N. Y.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	1	1	1	1	1	1
Whitefield & Jefferson	Mar. 31	200,000	Yearly	Transfer Office.	—	—	—	—	—	—	—	—	4	—	—	—	—	5	—	—	—	6	—	—	—	6	—	—	—	6	—	—	—	4	—	—
Wilmington, Col. & Aug.	Sept. 30	$960,000	Jan. & July	Wilmington, N. C.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Wilmington & Weldon	Sept. 30	$2,500,000	Jan. & July	Wilmington, N. C.	3	—	3	—	3	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—	4	—
Wilton	Sept. 30	240,000	April & Oct.	Nashua, N. H.	3	—	3	—	3	—	3	—	3	—	3	—	3½	—	3½	—	3½	—	3½	—	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½
Winchester & Potomac	Sept. 30	$180,000	Jan. & July	Treasurer's Office.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	—	—	—	—	—	—	—	—	3	—	3	—	3	—	3	—
Winchester & Strasb'g	Sept. 30	600,000	Jan. & July	Baltimore.	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	3½	—	An'l div. of				4 p.c. quar.				by B. & O.				on 764 sha.			
Wolfeborough (Eastern)	Sept. 30	385,500	March & Sept.	Lessee's Office.	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—
Worces'r, Nas. & Roch.	Sept. 30	3,099,800	Jan. & July	Company's Office.	—	—	—	—	—	—	—	—	1½	—	1½	—	1½	1½	—*17		—	—	3	—	3	—	3	—	3	—	3	—	3	—	3	—

Waverly and State Line.—In tabulated statement dividend given as $600; no mention in regular report. See MANUAL 1886, page 444; 1887, page 270.
West Amesbury.—See MANUAL 1888, page 18.
West Jersey.—Since 1882 dividends have been paid, 3 per cent. in cash and 3 per cent. in stock.
West Stockbridge.—See MANUAL 1888, page 41.
Whitefield and Jefferson.—The first dividend in the above statement was on $130,000; the others on $170,000.
Worcester, Nashua and Rochester.—In 1885 this road paid a stock dividend of 17 per cent. to stockholders of record, also a regular dividend of 3 per cent. Paid dividend $61,869 on capital stock of $3,099,800.

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PRIVATE RAILROADS OF THE UNITED STATES.

LIST OF THE PRIVATE LUMBER, LOGGING AND MINING RAILROADS OF THE UNITED STATES, WITH THE NAMES OF THEIR OFFICERS OR OWNERS, MILEAGE OF ROAD, EQUIPMENT, ETC.

STATE OF ALABAMA.

Adams, J. R. & Son. Owners of 3½ miles of railroad; gauge, 3 ft.; rail (iron), 16 and 24 lbs.; steel (1 mile), 30 lbs.; locomotives, 2; cars, 10; located in Shelby Co., Ala. P. O. address, Longview, Ala.

Bivings, Duke & Co. Owners of 8 miles of railroad; gauge 3 ft. 4 in. (and ½ mile broad gauge); locomotives, 2; cars, 7; other vehicles, 15. Cost of road and equipment, $55,000; located in Chilton Co., Ala. P. O. address, Clanton, Ala.

Bolling RR. Owned by the Milner, Caldwell & Flowers Lumber Co.; 1½ miles; rail (steel), 30 lbs.; locomotives, 2; cars, 25; located in Butler Co., Ala; cost of road and equipment, $45,000. W. H. Flowers, *Pres.*; J. J. Flowers, *Treas. & Sec.*; F. A. Flowers, *Gen. Supt.* P. O. address, Bolling, Ala.

Cahaba Coal Mining Company's Railroad. Blocton, Ala., to Woodstock, Ala., 11.3 miles; sidings, etc., 5.16 miles; gauge, 4 ft. 8½ in.; rail (steel), 56 lbs. Chartered July 13, 1883; road opened February 12, 1884. Used to haul the product of the comp ny's mines to the Alabama Great Southern RR. and Birmingham Mineral RR. at Woodstock. The company owns 4 locomotive engines, 1 passenger, 4 platform, and 33 coal cars. No information regarding financial condition, etc., furnished. *Directors:* W. S. Gurnee, New York, N. Y.; A. L. Tyler, Samuel E. Noble, Anniston, Ala.; T. H. Aldrich, C. Cadle, Blocton, Ala. T. H. Aldrich, *Pres. & Treas.*; C. Cadle, *Vice-Pres., Man. & Sec.*, Blocton, Ala. PRINCIPAL OFFICE AND ADDRESS, Blocton, Bibb Co., Ala.

Carney, W. M. Owner of 7 miles of railroad; gauge, 4 ft. 9 in.; locomotive, 1; cars, 6; located in Escambia Co., Ala. P. O. address, Williams, Ala.

Clark, H. W. Owner of 4 miles of railroad; gauge, 5 ft.; one locomotive and 6 cars; located in Elmore Co., Ala.

Crowder & Smith. Owners of 3½ miles of railroad; gauge, 3 ft.; cars, 4; located in St. Clair Co., Ala. P. O. address, Riverside, Ala.

Dunham Lumber Co. Owner of 13.2 miles of railroad; sidings, 3 miles; gauge, 4 ft. 9 in.; rail (iron), 56 lbs.; locomotives, 3; cars, 24; chartered June 12, 1883; capital stock, $35,000; cost of road and equipment, $50,000; gross earnings, 1888, $22,000; expenses, $10,500; net earnings, $11,500. Road located in Butler Co., Ala. B. B. McKenzie, *Pres.*; W. H. Calhoun, *Sec. & Treas.* P. O. address, Dunham, Ala.

Gregory & Coe Lumber Co. Owner of 9 miles of railroad; sidings, ½ mile; gauge, 3 ft. 4 in.; rail (iron), 20 to 35 lbs.; locomotives, 2; cars, 18. Chartered in Sept., 1883; road opened in 1882. Cost of road and equipment, $35,000; capital stock, $50,000. Road located in Chilton Co., Ala. Richard Coe, *Pres. & Supt.*; Edward G. Gregory, *Sec. & Treas.* P. O. address, Stanton, Ala.

Howison, A. P. Owner of 8 miles of railroad; gauge, 3 ft. 3 in.; rail (iron), 20 lbs. and 30 lbs.; steel rails (2 miles), 50 lbs.; locomotives, 2; cars, 15; located in Bibb Co., Ala. P. O. address, Randolph, Ala.

Koeppel, W. A. Owner of 1½ miles of logging road; connecting with the A. G. S. RR.; gauge, 3 ft. P. O. address, Coaling, Ala.

Kyle & Elliott Logging RR. Owned by Kyle & Elliott, lessees of the Kyle Lumber Co's Mills, at Gadsden, Ala.; main line, 6 miles; branch, 2 miles; gauge, 3 ft.; locomotives, 2; cars, 10; other vehicles, 20; located in Etowah Co., Ala. R. B. Kyle, *Pres.*; T. S. Kyle, *Sec. & Treas.* P. O. address, Gadsden, Ala.

Lathrop Hatton Lumber Co.'s pole road, 7 miles; branches, 2 miles; locomotives, 2; cars, 9. Cost of road and equipment, $8,000. Frank H. Lathrop, *Supt.*, Riverside, Ala.

Marbury & Jones. Owners of 11 miles of railroad; gauge, 3 ft. 2 in.; rail (iron and steel), 35 lbs.; locomotive, 1; cars, 12; located in Autauga Co., Ala. Cost of road and equipment, $45,000. P. O. address, Bozeman, Ala.

Miramichi R. R. Owned by James Krougham & Co.; 3½ miles; gauge, 4 ft.; locomotives, 2; cars, 4; located in Clark Co., Ala. P. O. address, Coffeeville, Ala.

Otis, William. Owner of 7 miles of railroad; gauge, 5 ft.; cars, 15; located in Mobile Co., Ala. P. O. address, Mobile, Ala.

Piney Woods Central RR. Owned by L. J. Hand; 4½ miles; gauge, 3 ft. 6 in.; locomotive, 1; cars, 6; located in Chilton Co., Ala. P. O. address, Jemison, Ala.

Pratt Saw Mill Co. Owners of 11 miles of railroad; gauge, 4 ft. 9 in.; rail (iron), 35 to 45 lbs.; locomotive, 1; cars, 9; miles run per day, 80; located in Chilton Co., Ala. P. O. address, Verbena, Ala.

Randall, Jno. B. Owner of 1½ miles of railroad; gauge, 3 ft.; cars, 4; located in Shelby Co., Ala. P. O. address, Montevallo, Ala.

St. Elmo and Cole Creek RR. Owned by Wm. Otis; 3½ miles and 6 miles; cars, 12; located in Mobile, Ala. P. O. address, Mobile, Ala.

Sample Lumber Co. Owner of 3 miles of railroad; locomotive, 1; cars, 5. Road opened January 1, 1888; it is used only for hauling company's logs to sawmill. Cars run annually about 15,000 miles, moving (for company) about 192,000 tons of freight each year. No separate income. Rails are leased; cost of road and equipment, exclusive of rails, $9,500. T. E. Blanchard, *Pres.*; W. R. Blanchard, *Sec. & Treas.*, Columbus, Ga.; J. B. Sample, *Supt.*, Hollins, Ala. GENERAL OFFICE, Hollins, Ala.

Sowell, C. T. & Co. Owners of 5 miles of railroad; locomotive, 1; located in Conecuh Co., Ala. P. O. address, Wallace, Ala.

Sullivan Lumber Co. Owner of 17½ miles of standard gauge railroad tapping M. & M. Div. of L. & N. RR. at Sullivan, Ala. Road not chartered. Locomotive (mogul), 1; cars, 19. Joseph J. Grant, *Man.* P. O. address, Sullivan, Ala.

The Chilton Lumber Co's RR. Owners of 6½ miles of railroad; gauge, 4 ft.; rail (steel), 20 lbs.; locomotive, 1; cars, 10; located in Chilton Co., Ala. Joseph M. Baker, *Pres.*; W. H. Welch, *Sec. & Treas.*, Dixie, Ala. P. O. address, Dixie, Ala.

Wadsworth, W. W. Owner of 8 miles of railroad; gauge, 3 ft.; rail (iron), 30 lbs.; locomotives, 2; cars, 10; located in Autauga Co., Ala. P. O. address, Wadsworth, Ala.

Welch & Bro. Owners of 8 miles of railroad; gauge, 3 ft. 4 in.; rail (steel), 30 lbs. T; locomotives, 2; cars—flat, 4; logging, 8; located in Chilton Co., Ala. P. O. address, Plantersville, Ala.

Wetumpka Lumber Co. Owners of 3 miles of railroad; gauge, 5 ft.; cars, 6; located in Coosa Co., Ala. P. O. address, Wetumpka, Ala.

Zeigler, W. H. Owner of 2½ miles of railroad; gauge, 5 ft.; cars, 6; located in Elmore Co., Ala. P. O. address, Deckville, Ala.

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STATE OF ARKANSAS.

Brinkley, Helena and Indian Bay RR. Owned by Brinkley Car Works and Manufacturing Co. Length of line, 24 miles; gauge, 3 ft.; rail, 35 lbs.; locomotives, 2; cars, 40. Road now worked for general traffic. W. H. Wright, *Pres.*, Little Rock, Ark.; O. M. Norman, *Gen. Supt.*; H. H. Myers, *Sec.*; A. G. Ryley, *Treas.*, Brinkley, Ark. P. O. address, Brinkley, Ark.

Ferguson, Solon. Owner of 1½ miles of railroad; gauge, 3 ft. 6 in.; locomotive, 1; cars, 6; located in Clay Co., Ark. P. O. address, Moark, Ark.

Field Lumber Co. Owners of 4½ miles of railroad; gauge, 3 ft.; rail (iron), 35 lbs.; mogul locomotive, 1; cars, 15; cost of road and equipment, $17,000; located in Dallas Co., Ark. C. B. Field, *Pres.*; Emil Hart, *Vice-Pres.*; B. B. Hazleton, *Sec.*; Jno. Bagley, *Treas.* P. O. address, Little Rock, Ark.

Flagg, K. A. Owner of 1½ miles of railway; gauge, 4 ft. 9 in.; rail (iron), 20 lbs.; cars, 3; located in Portice Co., Ark. P. O. address, Portia, Ark.

Gifford Lumber Mills Logging RR. Owned by Jos. Brown; 8 miles; gauge, 2 ft. 7 in.; rail (iron), 20 lbs. and 30 lbs.; locomotive, 1; cars, 4; cost of road and equipment, $20,000; located in Hot Springs Co., Ark. P. O. address, Gifford, Ark.

Griffith, Geo. C. Owner of 7 miles of railroad; gauge, 3 ft.; rail (iron), 36 lbs; locomotive, 1; cars, 10; located in White Co., Ark. P. O. address, Russell, Ark.

Hasbrook & Son. Owners of 4 miles of railroad; locomotive, 1; cars, 3; located in Craighead Co., Ark. P. O. address, Jonesboro, Ark.

Lutherville and Colony Mountain RR. Owned by Miks Bros.; 3 miles; gauge, 3 ft.; cars, 3; located in Johnson Co., Ark. P. O. address, Lutherville, Ark.

Malvern Lumber Co. Owner of 7 miles of railroad; gauge, 3 ft.; rail (iron), 35 lbs.; locomotive, 1; cars, 10; cost of road and equipment, $18,500; located in Hot Springs Co., Ark. A. Strauss, *Pres.*; M. A. Nulsen, *Sec. & Gen. Supt.* P. O. address, Malvern, Ark.

Mason and Kirkland RR. Main line, 3½ miles; branch, ½ mile; total, 3½ miles. Chartered Oct. 28, 1889. Dummy engine, 1; cars, 13. Capital stock, $25,000. Cost of road, etc., $10,000. *Directors*—E. E. Mason, Leroy Kirkland, and W. E. Farrar. E. E. Mason, *Pres.*; L. Kirkland, *Treas. and Supt.*; W. E. Farrar, *Sec.*, Fordyce, Ark.

North Arkansas Tram RR. Owned by Hungerford Bros. & Harmon; 7½ miles; gauge, 4 ft. 6 in.; locomotive, 1; cars, 4; located in Sharp and Randolph Cos., Ark. P. O. address, Ravenden, Ark.

Paragould and Buffalo Island Ry. Co. Owned by Henry Wrape, Berteg Bros., and J. B. Holman; 10 miles; gauge, 3 ft.; rail (steel), 35 lbs.; locomotives, 2; cars, 25; capital stock, $50,000, representing cost of road and equipment; located in Greene Co., Ark. Henry Wrape, *Pres.*; A. Berteg, *Treas.*; J. B. Holman, *Sec.* P. O. address, Paragould, Ark.

Pierce Lumber Co. Owner of 2 miles of railroad; gauge, 4 ft. 8½ in.; cars, 2; located in Saline Co., Ark. P. O. address, Alexander, Ark.

Pond City, Centreville and Northern RR. Owned by Morrison, Decker & Co.; 4½ miles; gauge, 3 ft.; rail (steel), 18 lbs.; locomotive, 1; cars, 5; located in Jackson Co. P. O. address, Newport, Ark.

Texarkana and Shreveport RR. Texarkana, Ark., to Lynn, 24 miles; gauge, 4 ft. 8½ in.; rail (iron), lbs Chartered Oct. 29, 1888, and succeeded the Gate City Lumber RR. The line is being extended to Shreveport, 21 miles further than the present terminus. Capital stock, $176,000. No bonds issued. Geo. W. Fouke, *Pres.*; Ben. Collins, *Vice-Pres.*; C. E. Haydon, *Treas.*, Texarkana, Ark.

Ultima Thule, Arkadelphia and Mississippi River RR. Arkadelphia to Delark, Ark., 15 miles; gauge, 4 ft. 8½ in.; rail (iron), 40 lbs.; locomotive, 1; cars, 23. Opened in 1887-88. Capital stock authorized, $1,500,000; paid up, $100,000. Cost of road and equipment, $100,000. W. Grayson, *Pres.*; L. Werner, *Vice-Pres.*; O. G. Schulenberg, *Treas. & Sec.*, St. Louis, Mo.; J. C. Weed, *Supt.*; F. W. Swift, *Gen. Fgt. & Pass. Agt.*, Arkadelphia, Ark.

Varner Branch RR. Owned by E. Urquhart (45 Broadway, New York); 5 miles of road; gauge, 4 ft. 8½ in.; rail (iron), 35 lbs; locomotive, 1; cars—passenger, 1; baggage, 1; freight, 4—total, 6; capital stock, authorized, $25,000; paid in, $35,000; cost of road and equipment, $35,000; located in Lincoln Co., Ark. P. O. address, Cummins, Ark.

Vinegar Central Ry. Owned by St. Louis Refrigerator and Wooden Gutter Co. of St. Louis, Mo.; main line, 7 miles; branch, 2 miles; gauge, 3 ft.; rail (iron), 35 lbs.; locomotives, 2; cars, 16; located in Clark Co., Ark. P. O. address, Gurdon, Ark.

Williams Mills and Little Black River RR. Owned by H. H. Williams; 10 miles; gauge, 3 ft. 6 in.; locomotive, 1; cars, 12; located in Clay Co., Ark. P. O. address, Corning, Ark.

Williams Mills and State Line. Owned by H. H. Williams; gauge, 3 ft. 4 in.; locomotive, 1; cars, 10; located in Clay Co., Ark. P. O. address, Moark, Ark.

Wrightsville Narrow-Gauge RR. Owned by William Farrell; 11 miles; gauge, 3 ft.; rail (iron), 35 lbs.; locomotive, 1; cars, 12; located in Pulaski Co., Ark.; cost, $75,000. P. O. address, Little Rock, Ark.

Wyandotte Logging RR. Owned by Hearne Lumber Co.; 8 miles; gauge, 2 ft. 7 in.; rail (iron), 30 lbs.; opened in July, 1886; locomotive, 1; cars, 4; cost of road, $18,000; located in Hot Springs and Grant Cos., Ark. F. P. Hearne, *Pres. & Treas.*; W. H. Miller, *Vice-Pres.*; Jno. R. Wisdom, *Sec.* P. O. address, Wyandotte, Ark.

STATE OF CALIFORNIA.

Albion River RR. Owned by Hy. Wetherbee, San Francisco, Cal.; 7 miles; gauge, 4 ft. 8½ in.; rail (steel), 35 lbs.; locomotive, 1; cars, 24; located in Mendocino, Co., Cal. James Brett, *Supt.*, Albion, Cal. P O. address, Albion, Cal.

Arcata Mill and Lumber Co. Owner of ¾ mile of railroad; gauge, 4 ft. 8 in.; locomotive, 1; cars, 2; located in Humboldt Co., Cal. P. O. address, Arcata, Cal.

Bodie and Benton RR. Bodie, Cal. to Mono Mills, Cal., 32 miles; Mono, Cal. to Woodyard, 2¼ miles; Bodie, Cal., to Standard Mine, 1½ miles—total, 36 miles. Sidings, 1 mile; gauge, 3 ft.; rail (steel, 15 miles), 35 and 40 lbs. Chartered February 19, 1881; main line opened November 15, 1881; branches opened in July, 1882; locomotive engines, 4; cars—freight (box, 1, platform, 51), 52; caboose, 1; others, 8—total cars, 61. *Financial Statement.*—Capital stock, $80,000; funded debt [2-year 10 per cent. bonds, due May 10, 1883, interest May and November (authorized $500,000), $237,000; 8 per cent. 5-year bonds, due February 15, 1887, interest February and August, $350,000], $587,000—total, $667,000. *Contra*: Cost of road, $467,680.54; equipment, $81,390.60; materials and fuel, $106,475; other property, etc., $61,828.12; bills receivable, $2,649.62; telegraph, $2,998.10. Annual meeting, third Monday in January. Interest payable at San Francisco, Cal. Trustees of bonds: 8 per cent., Jas. D. Walker and Louis McLane; 10 per cent., Thos. Menzie and Louis McLane. *Directors*: A. J. Ralston, W. S. Wood, Thos. Menzies, Wm. Willis, J. D. Walker, J. B. Low, San Francisco, Cal.; H. M. Yerington, Carson, Nev. H. M. Yerington, *Pres.*; A. J. Ralston, *Vice-Pres.*; Wm. Willis, *Sec. & Treas.*; Thomas Holt, *Supt.* PRINCIPAL OFFICE AND ADDRESS, 29 Nevada Block, San Francisco, Cal.

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Bucksport and Elk River RR. 12 miles; gauge, 4 ft. 8½ in.; rail (steel), 50 lbs.; locomotives, 2; cars, 40; capital stock authorized, $200,000; paid in, $250,000; cost of road and equipment, $247,000; total income, $34,000; net income, $17,000. Wm. Carson, *Pres.*; J. M. Carson, *Treas.*; E. Everding, *Sec.*; Josiah Bell, *Supt.*; located in Humboldt Co., Cal. P. O. address, Eureka, Cal.

Caspar and Hare Creek RR. Owned by Caspap Lumber Co.: 8 miles; gauge, 4 ft. 8½ in.; rail (iron and steel), 35 lbs.; locomotives, 2; cars, 26; cost of road and equipment, $120,000; located in Mendocino Co., Cal. J. G. Jackson, *Pres.*, San Francisco, Cal.; C. E. D. Camp, *Vice-Pres.*, *Chf. Eng.*, & *Pur. Agt.*, Caspar, Cal.; F. A. Wilkins, *Treas.* & *Sec.*, San Francisco, Cal. P. O. address, San Francisco, Cal.

Chino Valley RR.—*Projected line of road:* Ontario to Newport, Cal., 45 miles. *Completed:* Ontario to Harrington Station, 10 miles. Gauge, 3 ft. 6 in.; incorporated in 1888. This is a private enterprise, built primarily for the benefit of "Chino Ranch," and to furnish transportation facilities for the country lying south of Los Angeles, *via* "La Canon de la Brea," through Chino to the Southern Pacific System at Ontario. Richard Gird, *Prop.*; Jno. Wasson, *Sec.* & *Treas.*; H. B. Martin, *Chf. Eng.*, Chino, Cal. PRINCIPAL OFFICE, Chino, Cal.

Fort Bragg RR. Owned by O. R. Johnson and others; 7 miles; gauge, 4 ft. 8½ in.; rail (iron and steel), 35 to 60 lbs.; locomotive, 1; cars, 35; located in Mendocino Co., Cal. P. O. address, Fort Bragg, Cal.

Gualala Mill Co. RR. 5 miles; gauge, 5 ft. 8 in.; rail (iron and steel), 35 and 40 lbs.; locomotives, 3; cars, 35; located in Mendocino Co., Cal. P. O. address, Gualala, Cal.

Hobbs, Wall & Co. Owners of 10½ miles of railroad; gauge, 4 ft. 8½ in.; rail (steel), 40 lbs.; locomotives, 2; cars, 45. Operations for year 1889.—Earnings: passenger, $260.75; freight, $14,089.99—total, $14,350.74. Expenses and taxes, $8,307.27. Net earnings, $6,043.47. Cost of road and equipment, $200,000; located in Del Norte Co., Cal. P. O. address, Crescent City, Cal.

Humboldt Lumber Mill Co. Logging RR. 1 mile; gauge, 3 ft. 9 in.; rail (iron), 35 lbs.; locomotive, 1; cars, 4; located in Humboldt Co., Cal. P. O. address, San Francisco, Cal.

Jacoby Creek RR. Owned by Flanigan, Brosnan & Co.; 7½ miles; gauge, 4 ft. 8½ in.; rail (steel), 40 lbs.; locomotives, 2; cars, 16; located in Humboldt Co., Cal. P. O. Address, Eureka, Cal.

Lake Valley RR. Owned by Carson and Tahoe Lumber and Fluming Co. It is a lumber line, 9½ miles in length; gauge, 3 ft.; rail (steel), 35 lbs. Locomotives, 2; cars, 25. Located in El Dorado Co., Cal. Cost, about $100,000. D. L. Bliss, *Pres.*; W. S. Bliss, *Supt.* PRINCIPAL OFFICE, 416 Montgomery Street, San Francisco, Cal.

Mad River and Humboldt RR. Owned by John Vance: 12 miles; gauge, 4 ft. 9 in.; rail (steel), 35 lbs.; locomotives, 3; cars, 36; located in Humboldt Co., Cal. P. O. address, Eureka, Cal.

Markham, Andrew. Owner of 1½ miles of railroad; gauge, 3 ft.; cars, 2; located in Sonoma Co., Cal. P. O. address, Markham, Cal.

Navarro RR. Owned by Navarro Mill Co.; 12½ miles; locomotives, 3; cars, 3; located in Mendocino Co., Cal. R. G. Byxbee, *Pres.*; Anglo-California Bank, *Treas.*; T. S. Russell, *Sec.*; J. F. Clark, *Supt.* P. O. address, 42 Market Street, San Francisco, Cal.

Pacific Lumber and Wood RR. 9 miles; gauge, 3 ft.; rail (iron and steel), 20 and 30 lbs.; locomotive, 1; cars, 7; located in Nevada Co., Cal. M. E. Burckhalter, *Pres.* & *Treas.*; W. R. Spalding, *Sec.*; W. M. Burckhalter, *Supt.* P. O. address, Truckee, Nevada Co., Cal.

Pittsburgh RR. Pittsburg, Cal., to Somerville, Cal., 5.33 miles; sidings, 0.53 mile; gauge, 4 ft. 8½ in.; Rail, 46½ lbs. Chartered January 23, 1862; road completed and opened in March, 1866. Locomotive engines, 2; cars—passenger, 1; platform, 3; coal, 32; other, 3—total, 39. This road is being operated under lease to a very limited extent in connection with a coal mine. The company is still in debt, without any immediate prospect of liquidating same except by sale of road and property. *Financial Statement*, December 31, 1881 (*latest furnished*).—Capital stock, $225,000; profit and loss, $30,781.41—total, $255,781.41. *Contra:* Construction, $188,365.26; equipment, $63,303.97; other items and cash assets, $4,112.18—total, $255,781.41. *Directors:* J. Baker, Charles J. Deering, Oakland, Cal.; Charles J. Morrill, Boston, Mass.; Samuel Baker, Oakland, Cal.; C. C. Baker, Somerville, Cal. *Officers:* J. Baker, *Pres.*, San Francisco, Cal.; C. J. Deering, *Vice-Pres.*; Samuel Baker, *Sec.*, Oakland, Cal. PRINCIPAL OFFICE AND ADDRESS, 202 Sacramento St., San Francisco, Cal.

Richardson, M. & G. W. Owners of 3 miles of railroad; gauge, 7 ft. 2 in.; locomotive, 1; cars, 4; located in Placer Co., Cal. P. O. address, Truckee, Cal.

Salmon Creek RR. Owned by L. E. White; 10 miles; gauge, 3 ft.; rail (iron), 35 lbs.; locomotives, 2; cars, 35; located in Mendocino Co., Cal. P. O. address, Whitesboro, Cal.

Sierra Lumber Co. Owners of 26 miles of railroad; gauge, 3 ft. 2½ in.; rail (iron), 30 lbs.; locomotives, 5; horses, 51; cars, 59; located in Tehama and Butte Counties, Cal. P. O. address, San Francisco, Cal.

Towle Bros. & Co. Owners of 20 miles of railroad; gauge, 3 ft.; locomotives, 4; cars, 60; located in Placer Co., Cal.

Warren Creek RR. Owned by Minor, Kirk & Co.; 2½ miles; gauge, 4 ft. 9 in.; rail (steel), 40 lbs.; locomotive, 1; cars, 4; cost of road and equipment, $26,802; located in Humboldt Co., Cal. P. O. address, Arcata, Cal.

STATE OF FLORIDA.

Baird, E. & Bro. Owners of 3 miles of railroad; gauge, 4 ft. 8 in.; cars, 2; located in Alachua Co., Fla. P. O. address, Hague, Fla.

Caryville and Geneva RR. Owned by W. L. Wittich; 20 miles; gauge, 4 ft. 9 in.; locomotive, 1; cars, 10; located in Washington and Holmes Cos., Fla. P. O. address, Caryville, Fla.

Dowling J. W. & Co. Owners of 7½ miles of railroad; gauge, 5 ft.; rail (steel and iron), 30 and 35 lbs.; locomotive, 1; cars, 8; located in Columbia Co., Fla. P. O. address, Lake Ogden, Fla.

East Florida Land and Produce Co., Limited. Owners of 11½ miles of railroad; gauge, 3 ft.; locomotive, 1; cars, 9; located in St. John's Co., Fla. P. O. address, St. Augustine, Fla.

Eppinger and Russell Logging RR. 15 miles; gauge, 4 ft. 9 in.; locomotives, 2; cars, 18; located in Baker Co., Fla. P. O. address, Olustee, Fla.

Hilliard & Bailey. Owners of 17 miles of railroad; gauge, 5 ft.; rail (iron), 35 lbs.; locomotives, 3; cars, 14; located in Nassau Co., Fla. P. O. address, Hilliard, Fla.

Hipple, Geo. W. & Co. Owners of 10 miles of railroad; gauge, 4 ft. 8½ in.; rail (steel), 25 lbs.; locomotives, 3; cars, 14; mules, 64; located in Clay Co., Fla.; cost of road and equipment, $56,000. P. O. address, Highland, Fla.

Middleburgh High and Lake Butler RR. Middleburgh to Lake Butler, Fla., 14 miles; gauge, 3 ft.; rail, iron. Chartered in 1888. Locomotives, 2; cars (flat), 9. Cost of road and equipment to date, $75,000; estimated cost of completed road, $200,000. Used only for logging purposes. H. Clark, *Pres.*; J. A. Bryan, *Supt.* & *Man.* GENERAL OFFICE, Jacksonville, Fla.

Pensacola and Andalusia RR. Owned by Skinner & McDavid; 14 miles; gauge, 3 ft.; rail (steel), 25 lbs.; locomotives, 2; cars, 32; miles run by cars, 390,000; passengers carried, 1,000; tons of freight moved, 60,000. Capital stock authorized, $200,000;

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paid in $60,000; cost of road and equipment to date, $60,000; net earnings, $10,320; dividend (paid Jan. 1, 1888, 3 per cent.) $6,000; balance, surplus, $4,320; located in Santa Rosa Co., Fla. E. F. Skinner, *Pres.;* E. H. Skinner, *Sec. & Treas.*, Escambia, Fla.; Henry McDavid, *Supt.*, Chumuckla, Fla.; R. E. Lewis, *Chief Eng.*, E. F. Skinner, *Pur. Agt.*, Escambia, Fla.

Pensacola and Mobile RR. Owned by Muscogee Lumber Co.; 19 miles; gauge, 4 ft. 9½ in.; rail (iron), 50 lbs.; locomotive, 1; cars, 30; located in Baldwin Co., Fla. W. F. McCormick, *Pres.;* P. K. Young, *Sec.* P. O. address, Pensacola, Fla.

Robinson, Geo. W. Owner of 10 miles of railroad; gauge, 3 ft.; locomotive, 1; cars, 20; located in Baldwin Co., Fla. P. O. address, Milliview, Fla.

West Bros. and Hidgon's RR. Main line, 8 miles. Chartered in 1889. Locomotive, 1; cars, 8; horses, 50. Cost of road, $25,000. Owned and operated solely by the owners for logging purposes and transporting naval stores, etc. Objective points, Valdosta, Ga., and Deadman's Bay, Fla. Active building operations will be begun soon.

Western RR. of Florida, (Branch of). Owned by Dexter Hunter and Budington & Wilson; 13 miles; gauge, 3 ft.; rail (steel), 20 lbs.; locomotive, 1; cars, 22; located in Clay Co., Fla. P. O. address, Green Cove Springs, Fla.

Yellow River RR. Owned by Hy. Watson; 10 miles; locomotive, 1; cars, 6; located in Walton Co., Fla. P. O. address, Crestview, Fla.

STATE OF GEORGIA.

Amoskeag RR. Owned by Amoskeag Lumber Co.; 10 miles; gauge, 5 ft. 9 in.; rail (iron), 40 lbs.; locomotives, 2; cars, 16; located in Dodge Co., Ga. P. O. address, Eastman, Ga.

Bartow and Dublin RR. Owned by Central Georgia Lumber Co.; 5½ miles; gauge, 4 ft. 9 in.; rail (iron), 40 lbs.; locomotives, 2; cars, 6; located in Jefferson and Washington Cos., Ga. P. O. address, Bartow, Ga.

Brooks Bros. Owners of 2 miles of railroad; gauge, 3 ft.; rail (iron), 16 lbs.; locomotive, 1; cars, 2; located in Polk Co., Ga. P. O. address, Seney, Ga.

Carnes, Samuel. Owner of 3 miles of railroad; gauge, 5 ft.; rail (iron), 20 lbs.; locomotive, 1; cars, 4; located in Dodge Co., Ga. P. O. address, Dubois, Ga.

Central Georgia Lumber Co. RR. 8 miles; gauge, 4 ft. 10 in.; rail (steel), 40 lbs.; locomotives, 2; cars, 10; located in Jefferson Co., Ga. P. O. address, Bartow, Ga.

Dale, Dixon & Co. Owners of 15 miles of railroad; gauge, 5 ft.; rail (iron), 35 lbs.; locomotives, 2; cars, 15; located in Wayne Co., Ga.; also owns 12 miles of railroad; gauge, 4 ft. 8½ in.; rail (steel), 40 lbs.; locomotives, 3; cars, 15; located in Liberty Co., Ga. P. O. address, Savannah, Ga.

Gray, R. B. Owner of 10 miles of railroad; gauge, 4 ft. 9 in.; rail (iron), 30 and 35 lbs.; locomotives, 2; cars, 7; located in Coffee Co., Ga. P. O. address, Pinebloom, Ga.

Gray & Gatchell. Owners of 12 miles of railroad; gauge, 4 ft. 9 in.; rail (iron and steel), 35 lbs.; locomotives, 2; mules, 50; cars, 8; miles run by cars, daily, 84; located in Coffee Co., Ga. P. O. address, Leifator, Coffee Co., Ga.

Gress Lumber Co. Owner of 10 miles of railroad; gauge, 4 ft. 9 in.; rail (steel), 35 lbs.; locomotives, 3; cars, 10; located in Dodge Co., Ga. G. V. Gress, *Pres.;* I. X. Cheves, *Sec. & Treas.*, Atlanta, Ga.; J. J. West, *Gen. Man.*, Gresson, Ga.; C. G. Goff, *Supt.*, Gresson, Ga. P. O. address, Atlanta, Ga.

Harris & Mitchell. Owners of 7½ miles of railroad; gauge, 4 ft. 9 in.; rail (steel), 25 lbs.; locomotives, 2; horses, 35; cars, 4; cost of road and equipment, $30,000; located in Dodge Co., Ga. P. O. address, Cox, Ga.

Hawkins, W. S. Owner of 12 miles of railroad; gauge, 5 ft.; rail (steel), 40 lbs.; locomotives, 2; cars, 12; located in Appling Co., Ga. P. O. address, Savannah, Ga.

Johnson, L. & Co. Owners of 12 miles of railroad; gauge, 5 ft.; rail (iron), 35 and 50 lbs.; locomotive, 1; cars, 10; located in Appling Co., Ga. P. O. address, Graham, Ga.

Kingsville RR. Owned by McDonough & Co.; 20 miles; gauge, 4 ft. 9 in.; rail (iron), 35 lbs.; locomotives, 3; cars, 25; located in Pierce Co., Ga. P. O. address, Savannah, Ga.

McDonald, J. Owns 10 miles of railroad and leases 3 miles; gauge, 5 ft.; rail (iron), 35 lbs.; locomotives, 2; mules, 58; trucks, 9; located in Coffee Co., Ga. P. O. address, McDonald's Mill, Ga.

Midville and Swainsboro RR. Owned by Jesse Thompson & Co.; main line, 20 miles; sidings, 4 miles; gauge, 4 ft. 9 in.; rail (iron), 35 lbs.; locomotives, 2; cars, 21; capital stock, $200,000; cost of road, etc., $80,000; located in Emanuel Co., Ga. P. O. address, Augusta, Ga.

Millen and Sterling RR. See Rogers and Summit RR.

Ocmulgee River and Normandale RR. Owned by Normandale Lumber Co.: main line, 30 miles; branches, 6 miles—total, 36 miles; gauge, 4 ft. 9 in.; rail (steel), 50 lbs.; horses, 36; cars, 42; passengers carried (in 1887), 3,120; freight moved, 43,000 tons; cost of road, $5,000 per mile; located in Dodge and Telfair Cos., Ga. Norman Dodge, *Pres.;* Joseph Hilton, *Vice-Pres.;* J. C. Forsyth, *Man.*, Normandale, Ga. P. O. address, Normandale, Ga.; New York Office, 81 New St.

Paxtan & Mattox. Clinch Haven, Ga. No information.

Peacock and Peterson RR. 3 miles; gauge, 4 ft. 9 in.; rail (iron), 40 lbs.; locomotive, 1; cars, 3; located in Washington Co., Ga. P. O. address, Donovan, Ga.

Perkins & Bro. RR. Owners of 10 miles of railroad; gauge, 4 ft. 9 in.; rail (iron), 40 lbs.; opened in January, 1885; locomotive, 1; horses, 50; cars, 8; other vehicles, 13; miles run by cars, 45,000; located in Washington Co., Ga. The owners hold a trackage privilege to run over the tracks of the W. & T. RR. from Harrison to Tennille, Ga., 9 miles. P. O. address, Harrison, Ga.

Reppardia and Buffalo RR. Owned by H. T. Kennon & Co.; 13 miles; gauge, 5 ft.; rail (iron), 35 lbs.; locomotives, 2; cars, 14; located in Pierce Co., Ga. P. O. address, Hoboken, Ga.

Rogers and Summit RR. Rogers, Ga., to Stillmore, Ga., 30 miles. Completed (rail, steel, 40 lbs.), 25 miles; gauge, 4 ft. 8½ in. Chartered May 23, 1889, under the general railroad laws of Georgia. Locomotives, 4; passenger cars, 2; freight cars, 17. Capital stock (authorized, $250,000; par, $100) paid in, $50,000; floating debt, $20,000—total, $50,000, representing cost of road and equipment to date. Estimated cost of completed road, $200,000. No bonds yet issued. This road has been purchased by J. W. Preston, and will be diverted to Millen, Ga., and there to be operated as the Millen and Southern Ry. Co., from Millen to Sterling, Ga. Contracts have been made for the building of the new line. P. O. address, J. W. Preston, Rogers, Ga., and Millen, Ga.

Rountree & Garbut. Owners of 8 miles of railroad; gauge, 4 ft. 9 in.; rail (iron), 30 and 40 lbs.; locomotives, 2; cars, 6; located in Emanuel Co., Ga. P. O. address, Midville, Ga.

Spencer Bros. Owners of 1 mile of railroad; locomotive, 1; cars, 2; located in Telfair Co., Ga. P. O. address, Lumber City, Ga.

Terry, W. T. Owner of 12 miles of railroad; gauge, 5 ft.; cars, 4; located in Echols Co., Ga. P. O. address, Valdosta, Ga.

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Tift, H. H. Owner of 12 miles of railroad; gauge, 4 ft. 9 in.; rail (steel), 35 lbs.; locomotives, 2; cars, 12; located in Berrien Co., Ga. P. O. address, Tifton Ga.

Wall, J. J. Owner of 6 miles of railroad; gauge, 5 ft.; rail (iron), 40 lbs.; locomotive, 1; cars 10; located in Lowns Co., Ga. P. O. address, Haines, Ga.

Weston, S. R. & J. D. Owners of 8 miles of railroad; gauge, 4 ft. 8 in.; rail (iron), 30 and 35 lbs.; locomotive, 1; cars, 5; located in Coffee Co., Ga. P. O. address, Westonia, Ga.

Williams, H. C. & Co. Owners of 5 miles of railroad; gauge, 5 ft.; rail (iron), 40 lbs.; locomotive, 1; cars, 3; located in Ware Co., Ga. P. O. address, Duke, Ga.

Willingham, Black Lake and Isabella RR. Owned by Alford & Sloan; 5 miles; gauge, 4 ft. 8 in.; rail (steel), 35 lbs.; locomotive, 1; located in Worth Co., Ga. P. O. address, Willingham, Ga.

STATE OF KENTUCKY.

Albion Lumber Co., Chicago. Owners of 3 miles of railroad; gauge, 3 ft.; rail (iron), 45 lbs.; locomotive, 1; cars, 15; located in Muhlenberg Co., Ky. P. O. address, Ricedale, Ky.

Ashland Coal and Iron Ry. Co. *Line of road:* Ashland, Ky., to Straight Creek Junc. (E. L. & B. S. RR.), 22.06 miles: sidings, 11.90 miles; gauge, 4 ft. 8½ in.; rail (steel, 22 miles), 60 lbs. *History.*—Road opened in 1856, 9 miles; in 1865 to Rush, 14 miles, and in 1881 to present terminus. Known as Lexington and Big Sandy until 1865, and as Lexington and Big Sandy RR., Eastern Division, until May 1, 1880, when the company adopted the present name. This line is operated by the company in connection with coal and iron mining and manufacturing business. By contract with the Elizabethtown, Lexington and Big Sandy RR. Co. the latter has running privilege over this line. *Rolling Stock.*—Locomotive engines, 8. Cars—passenger, 11; baggage, 1; freight (box, 4; flat, 10; gondola, 26; dump, 4; coal, 378), 422; caboose, 1; service, 1—total cars, 424. *Operations, etc.*—All information refused by this company. *Financial Statement.*—Capital stock (par, $50), $1,494,500; funded debt, 1st mortgage 7 per cent. 20-year bonds, due 1900, interest February and August, $244,000; floating debt, $192,821. Estimated cost of road, $397,080; other property, $274,558. *Directors*, (elected May 15, 1889): George N. Biggs, Huntington, W. Va.; Jas. M. Bailey, Pittsburgh, Pa; Douglas Putnam, Jr., Ashland, Ky.; John G. Peebles, Portsmouth, O.; A. S. Winslow, Cincinnati, O.; John Means, Ashland, Ky. John Means, *Pres.*, Ashland, Ky.; Robert Peebles, *Sec. & Treas.*, Ashland, Ky.; Douglas Putnam, Jr., *Gen. Supt.*, Ashland, Ky. PRINCIPAL OFFICE AND ADDRESS, Ashland, Ky.

Bull's Eye Spring Narrow Gauge RR. Owned by Andrew Brown, Buffalo, N. Y.; 5 miles; gauge, 3 ft. 6½ in.; rail (steel), 25 lbs.; locomotives, 2; cars, 16; located in Carter Co., Ky. P. O. address, Grayson, Ky.

Cloverport Coal RR. Cloverport to Victoria, Ky.; 8½ miles; gauge, 4 ft. 8½ in.; rail (steel), 56 lbs.; locomotive, 1; cars—passenger, 1; flat, 7; coal, 30. Connects with Louisville, St. Louis and Texas RR., at Cloverport, 94 miles from Lomsville, Ky. Owned and operated by the Breckenridge Co. (Limited), London, Eng., in connection with their Cannel Coal Co. mines at Victoria, Ky. Completed, December 6, 1885. *Pres.*, I. P. H. Read, 5 Copthall Bldg., London, Eng.; *Gen. Supt.*, A. Inglis, Cloverport, Ky. OFFICE, Cloverport, Ky.

Panther Gap RR. Main line, 4.75 miles. Dummy engines, 2; cars, 5. Owned by the S. T. Berry Lumber Co., Limestone, Ky.

STATE OF LOUISIANA.

Arbour, Octave R. Owner of 2½ miles of railroad; gauge, 3 ft.; locomotive, 1; cars, 5; located 9 miles south of Baton Rouge, La. P. O. address, Baton Rouge, La.

Baton Rouge, Pontchatoula and Mobile RR. Incorporated in February, 1889. Proposed line to extend from Baton Rouge, La., to Mobile, Ala. Completed, 6 miles; 2d track, 1 mile; sidings, 1 mile; gauge, 3 ft.; locomotives, 2; cars, 20. Connects with L. N. O. & T. RR. at Burtville, 8 miles south of Baton Rouge, La. Owned by the Burton Lumber Co. C. S. Burt, *Pres.*; A. R. Burt, *Sec. & Treas.*; E. J. March, *Gen. Man.*, Baton Rouge, La. PRINCIPAL OFFICE, Baton Rogue, La.

Calcasieu and Vernon RR. Owned by Lock, Moore & Co. and A. J. Perkins & Co.; 21 miles; gauge, 3 ft. 4 in.; rail (steel), 30 lbs.; locomotives, 3; cars, 36; cars run, 35,000 miles; tons of freight moved, 72,764; located in Calcasieu Parish, La. M. W. Ryan, *Pres.*; Geo. W. Lock, *Sec. & Treas.*; Ed. Ryan, *Supt.*, Westlake, La. P. O. address, Lockport, La.

Dees' Tramway No. 1. G. M. Dees, owner of 1½ miles of railroad; gauge, 4 ft. 6 in.; cars, 2; located in Calcasieu Co., La. P. O. address, Lake Charles, La.

Edgerly Tram Road. Owned by Hampton & Miller; 4½ miles; gauge, 3 ft.; rail (iron), 30 lbs.; locomotive, 1; cars, 5; located in Calcasieu Co., La. P. O. address, Edgerly, La.

Gulf, Sabine and Red River RR. Owned by Lutcher & Moore; 22 miles; gauge, 3 ft.; rail (steel), 30 lbs.; locomotives, 3; cars, 80; miles run daily, 120; located in Calcasieu Parish, La. P. O. address, Orange, Tex.

Kent, Amos. Owner of 5½ miles of main line, and 1½ miles of sidings; guage, 3 ft.; rail (iron), 25 to 30 lbs.; locomotive, 1; cars, 9; cost of road and equipment, $16,000; located in Tangipahoa Parish, La. P. O. address, Kentwood, La.

Pharr & Williams. Owners of 2 miles of main railroad and 1 mile of sidings; gauge, 4 ft. 8½ in.; rail (steel), 40 lbs.; locomotives, 2; located in St. Mary's Parish, La. P. O. address, Pattersonville, La.

Robeline and Sabine Pass RR. Length of line 7 miles; branch, 1 mile; gauge, 3 ft.; rail (iron), 56 lbs.; chartered in 1886. Locomotive, 1; cars, 17. Capital stock, $50,000. Cost of road, $50,000. Located in Natchitoches Parish, La. P. O. address, Victoria, Natchitoches Parish, La.

STATE OF MAINE.

Lime Rock RR. Extends around the city of Rockland, Me., about 5 miles; rail, 50 and 60 lbs. Used for transporting lime rock from quarries to the kilns. When completed will be about 8 miles long. Locomotive engines, 2. Cars—freight, 2; dump, 251; other, 14. Earnings (from freight) for year ending September 30, 1889, $32,384.55. *Financial Statement*, September 30, 1889.—Capital stock (authorized, $300,000) paid in, $30,000; funded debt, $200,000; notes payable, $52,000; vouchers and accounts, $500; profit and loss, $53,142.26 —total, $315,642.26. *Contra:* Construction, $237,899.04; equipment, $71,017.96; cash, $6,725.26—total, $315,-642.26. *Directors:* Francis Cobb, W. T. Cobb, Jno. T. Brag, A. F. Crockett, E. R. Spear, S. M. Bird, G. L. Farrand, Rockland, Me. *Officers:* William T. Cobb, *Pres.*; H. N. Pierre, *Sec. & Treas.*, Rockland, Me. PRINCIPAL OFFICE, Rockland, Me.

Rockport RR. Rockport, Me., to Simonton's Corner, Me., 3 miles. Guage, 3 ft.; rail (steel), 25 lbs. Chartered and road opened in 1886. It is used for hauling rock from the quarries at Simonton's Corner to the lime kilns at Rockport. Locomotive engines, 2; cars—freight (flat, 4; stone, 28), 32. *Operations* for year ending September 30, 1889.—Earnings, $10,286.77: expenses, $7,760.31—net earnings, $2,546.46. Capital stock, representing cost of road, etc., $30,000. *Directors:* S. D. Carleton, P. J. Carleton, S. E. Shepard, H. L. Shepard, Frederick Andrews, Ralph W. Carleton, Rockport, Me. *Officers:* P. J. Carleton, *Pres.*; H. L. Shepard, *Treas.*; L. H. Lovejoy, *Sec.*, Rockport, Me. PRINCIPAL OFFICE, Rockport, Me.

Whitneyville and Machiasport RR. Whitneyville to Machiasport, Me., 7.87 miles. Locomotives, 2; freight cars, 48; earnings about pay current expenses. Capital stock, $100,000; cost of road and equipment, $110,000. *Officers:* John K. Ames, *Pres.*, Machias, Me.; Cornelius Sullivan, *Treas. and Gen. Man.*, Whitneyville, Me. PRINCIPAL OFFICE AND ADDRESS, Whitneyville, Me.

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STATE OF MARYLAND.

Greenridge RR. of Maryland. Main line, Okonoko, W. Va., to Finksburg, Md., 16 miles; branch, 4 miles—total, 20 miles. Gauge, 3 ft.; rail (steel), 25 to 30 lbs. Chartered November 11, 1882. Locomotives, 2; cars, 23. Capital stock, $5,000. Cost of road, etc., about $35,000; other investments, $5,000. Connection with B. & O. RR. at Okonoko, W. Va., and Ches. & Ohio Canal at Darkey's Lock. Owned by F. Mertens' Sons. F. Mertens, *Pres.;* Wm. M. Mertens, *Treas.;* Edward Schilling, *Supt.* P. O. address, 52 South Centre St., Cumberland, Md.

Surrey, Sussex and Southampton RR. 45 miles; gauge, 3 ft.; rail (steel), 35 lbs.; locomotives, 2; cars, 30; located in Surrey, Sussex and Southampton Co., Md.

STATE OF MICHIGAN.

Allegan and Lake Shore RR. Allegan, Mich., to camp, 4 miles; gauge, 3 ft.; rail, 56 lbs. Chartered June 9, 1883. Locomotive engine, 1; logging cars, 14. *Operations* for year ending December 31, 1888.—Earnings (freight), $1,800. Expenses, $1,800. *Financial Statement*, December 31, 1888.—Capital stock, $16,300. *Contra:* Cost of road, $12,200; equipment, $4,100—total, $16,300. *Directors:* W. S. Dewing, Chas. A. Dewing, Jas. H. Dewing, J. H. Mills, E. F. Pond, Kalamazoo, Mich. *Officers:* W. S. Dewing, *Pres.;* Chas. A. Dewing, *Vice-Pres. and Sec.;* J. H. Mills, *Treas.;* J. H. Dewing, *Gen. Man. and Supt.* GENERAL OFFICE, Kalamazoo, Mich.

Alpena and Hubbard Lake RR. Main line, 18 miles; gauge, 3 ft.; rail (steel), 30 lbs.; locomotives, 3; cars, 48; cost of road, $75,000. Albert Pack, *Pres.;* W. F. Victor, *Treas.;* F. W. Fletcher, *Sec. & Supt.* P. O. address, Alpena, Mich.

Arcadia and Betsey River Tram RR. Co. Owned by H. Starkes, Theo. E. Ebert, and H. Mauntler; 11 miles; guage, 3 ft. 6½ in.; rail (steel), 25 lbs.; locomotives, 2; cars, 36; located in Manistee Co., Mich. P. O. address, Arcadia, Mich.

Ayers, A. D. Owner of 4½ miles of railroad; gauge, 3 ft.; rail (steel), 25 lbs.; locomotive, 1; cars, 15; located in Newago Co., Mich. P. O. address, Otia, Mich.

Buckley and Douglas RR. Manistee River to terminus, 8 miles; sidings, 1.50 miles; gauge, 3 ft.; rail, 56 lbs. Chartered September 6, 1881. Locomotive engines, 2. Cars—logging, 30; hand car, 1. *Operations* for year ending December 31, 1888.—Train mileage (freight), 16,380 miles. Tons of freight moved, 45,910; moved one mile, 367,280. Earnings (freight), $13,675.33. Expenses, $24,415.10. Deficit, $10,739.77. *Financial Statement*, December 31, 1888.—Capital stock, $500; funded debt, $40,000; unfunded debt, $70,967.17—total, $111,467.17. *Contra:* Cost of road, $16,295.67; equipment, $12,475.17; cash, $500; profit and loss, $82,196.33—total, $111,467 17. *Directors:* Chas. G. Wilson, Wm. Douglas, Jr., Edward Buckley, Wm. J. Law, Albert Wilson, Manistee, Mich. *Officers:* Edward Buckley, *Pres. and Gen. Man.;* Chas. G. Wilson, *Sec. and Treas.;* Wm. Douglas, Jr., *Gen. Supt.* GENERAL OFFICE, Manistee, Mich.

Cadillac and Northeastern RR. Cadillac, Mich., to Lake City, Mich., 14 miles; sidings, 2 miles; gauge, 3 ft.; rail (steel), 30 lbs. Road opened in October, 1884, and operated as a logging road until December 10, 1885, since when it has carried general freight and passengers. Owned and operated by W. W. Cummer. Road to be extended northeasterly, 16 miles, during 1890. Locomotives, 4; cars—passenger, 2; baggage, 1; freight (box, 4; platform, 12), 16; logging, 65—total cars, 84. Earnings—passengers, $8,452.60; other sources, $9,402.93—total, $17,855.53. Expenses and taxes, $7,655.37. Net earnings, $10,200.16. Cost of road, etc., $79,513.88. W. W. Cummer, *Pres. & Man.;* J. Cummer, *Vice-Pres. & Treas.*, Cadillac, Mich.; James M. Barnett, *Sec. & Aud.*, Grand Rapids, Mich.; B. W. Gerrish, *Gen. Supt.*, Cadillac, Mich. PRINCIPAL OFFICE AND ADDRESS, Cadillac, Mich.

Champion & Hayward. Owners of 6 miles of railroad; guage, 3 ft.; cars, 6; located in Newaygo Co., Mich. P. O. address, White Cloud, Mich.

Charron & Bourgette. Owners of 4½ miles of railroad; gauge, 3 ft.; locomotive, 1; cars, 10; located in Lake and Mason Cos., Mich. P. O. address, Branch, Mich.

Chippewa Lake Logging RR. Owned by Chippewa Lumber Co.; 8 miles; gauge, 4 ft.; locomotive, 1; cars, 20; located in Mecosta, Mich. Charles E. Wyman, *Pres.;* D. Cutler, *Vice-Pres.;* H. P. Wyman, *Sec. & Treas.;* D. W. McNaughton, *Gen. Supt.* P. O. address, Chippewa Lake, Mich.

Cook & Wilson. Owners of 5½ miles of railroad; gauge, 3 ft.; locomotive, 1; cars, 40; located in Luce Co., Mich. P. O. address, Michigan City, Ind.

Crawford and Manistee River Ry. Co. Manistee River, Mich., to Forest terminal, 10 miles; sidings, 3 miles; gauge, 3 ft.; rail (iron), 45 lbs. Chartered September 28, 1885; road opened October 11, 1885. Locomotive, 1; logging cars, 34; other vehicles, 2. *Operations* for year ending December 31, 1889.—Cars run, 9,520 miles. Tons of freight moved, 58,750. Earnings, $14,735.86. Expenses, $14,537.71. Net earnings, $198.15; surplus from last year, $7,184.76—total surplus, $7,382.91. *Financial Statement*, December 31, 1889.—Capital stock (par, $100), $50,000; profit and loss, $7,382.91—total, $57,382.91. Cost of road, $45,566.58; equipment, $11,618.18; cash, $198.15—total, $57,382.91. Annual meeting, first Tuesday in December. *Directors:* Allen McKee, James Dempsey, William Wente, L. T. Dempsey, Manistee, Mich.; Antoine E. Cartier, Ludington, Mich. *Officers:* Antoine E. Cartier, *Pres.*, Ludington, Mich.; James Dempsey, *Vice-Pres.*; William Wente, *Sec.*; Lawrence T. Dempsey, *Treas.*, Manistee, Mich.; Nicolas Dowen, *Supt.*, Fletcher, Mich. PRINCIPAL OFFICE AND ADDRESS, Manistee, Mich.

Cummer, J. & Son. Owners of 9½ miles of railroad; gauge, 3 ft; locomotives, 2; cars, 32; located in Wexford Co., Mich. P. O. address, Cadillac, Mich.

Cutler & Savidge Lumber Co. Owner of 6 miles of railroad; gauge, 4 ft.; locomotive, 1; cars, 22; located in Osceola Co., Mich. P. O. address, Spring Lake, Mich.

Danaher & Melendy Co. Owners of 17 miles of railroad; gauge, 3 ft.; locomotives, 2; cars, 10; located in Lake and Newaygo Cos., Mich. C. D. Danaher, *Pres. & Gen. Man.;* J. E. Danaher, *Sec. & Treas.* P. O. address, Ludington, Mich.

Delta Lumber RR. Main line, 7 miles; branch to Logging Camp, 2½ miles—total, 9½ miles. Gauge, 4 ft. 8½ in.; rail (steel, 2½ miles), 30 lbs.; locomotives, 2; cars, 30; other vehicles, 30; horses, 40; cost of road and equipment, about $20,000; located in Schoolcraft Co., Mich. Edwin L. Thompson, *Pres.*, Detroit, Mich.; John T. Rich, *Sec. & Treas.*, Elba, Mich.; John A. Robinson, *Supt.* P. O. address, 44 Moffatt Block, Detroit, Mich.

Detroit and St. Clair RR. Co. Main line, 40 miles. Capital stock, $320,000. C. McElroy, *Pres.*, St. Clair, Mich.; L. B. Parker, *Vice-Pres.*, Marine City, Mich.; Martin Crocker, *Sec.*, Mt. Clemens, Mich.; Mark Hopkins, *Treas.*, St. Clair, Mich.; V. A. Saph, *Aud.*, Marine City, Mich.

Dunham, Peters & Co. Owners of 5 miles of railroad; gauge, 3 ft.; locomotive, 1; cars, 24; located in Lake Co., Mich. P. O. address, Chase, Mich.

Gebhardt & Estabrook. Owners of several miles of railroad; gauge, 3 ft.; cars, 4; located in Clare Co., Mich. P. O. address, Saginaw, Mich.

Grass Lake and Manistee River RR. Manistee River to Forest Terminus, 12 miles; branch, 1.5 miles—total, 13.5 miles; gauge, 3 ft.; rail, 30 lbs. Chartered February 4, 1886; road opened September 3, 1886. This road is used exclusively for logging purposes. Locomotive, 1; logging cars, 30; hand car, 1. *Operations* for year ending December 31, 1889.—Train mileage

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(freight), 17,680 miles. Tons of freight moved, 46,230; tons moved one mile. 462,300. Earnings (freight), $12,787.32. Expenses, $13,802.66; net earnings, $1,015.34. *Financial Statement*, December 31, 1889.—Capital stock (par, $100), $40,000; profit and loss, $4,162.29—total, $44,162.29. *Contra:* Cost of road, $32,000; equipment, $8,000; cash, $4,162.29. *Directors* (elected December 31, 1889): R. R. Blocker, Patrick Noud, Wm. Wente, M. Fay, Jr., Gus Kitzniger, Otto Kitzniger, Manistee, Mich. *Officers:* R. R. Blocker, *Pres.;* Patrick Noud, *Vice-Pres. & Gen. Man.;* M. Fay, Jr., *Sec.;* Wm. Wente, *Treas.*, Manistee, Mich. PRINCIPAL OFFICE AND ADDRESS, Manistee, Mich.

Gratwick, Smith, & Fryer Lumber Co. Owners of 8 miles of railroad; gauge, 4 ft. 8 in.; locomotives, 2; cars, 26; located in Otsego Co., Mich. W. H. Gratwick, *Pres.*, Buffalo, N. Y.; R. L. Fryer, *Vice-Pres.*, Albany, N. Y.; Edw. Smith, *Treas.*, Detroit, Mich. P. O. address, Otsego Lake, Mich.

Guilford, U. M. Owner of 5 miles of railroad; gauge, 4 ft. 9 in.; rail (iron), 45 and 60 lbs.; locomotive, 1; cars, 12; located in Ogemaw Co., Mich. P. O. address, Ogemaw, Mich.

Hackley & Hume. Owners of 24 miles of railroad—15 miles main line and 9 miles branches; gauge, 4 ft. 8½ in.; locomotives, 5; horses, 60; cars, 72; located in Clare Co., Mich.; runs from F. & P. M. RR. to Muskegon River. P. O. address, Muskegon, Mich.

Hall & Buell. Owners of 4 miles of railroad; locomotive, 1; cars, 20; located in Schoolcraft Co., Mich. P. O. address, South Maulsiqne, Mich.

Hall and Manning Road. 3 miles; gauge, 3 ft. 6 in.; cars, 15; located in Lake Co., Mich. P. O. address, Deer Lake, Mich.

Hall, Edmund. Owner of 3 miles of railroad; gauge, 3 ft.; rail (iron), 20 lbs.; use horses; cars, 8; cost of road and equipment, $12,000; located in Clare Co., Mich. P. O. address, 80 Griswold St., Detroit, Mich.

Harrison and Muskegon River RR. Owned by H. C. Ackley; 10 miles; gauge, 4 ft. 9 in.; rail (steel), 35 lbs.; locomotive, 1; cars, 40; located in Clare Co., Mich. P. O. address, Grand Haven, Mich.

Hermansville and Western RR. Main line, 10 miles; gauge, 4 ft. 8½ in.; rail (iron), 30 lbs.; locomotive, 1; cars, 25; located in Menominee Co., Mich.; owned by the Wisconsin Land and Lumber Co. P. O. address, Hermansville, Mich.

Houghton Lake and Barton City RR. Owned by Roscommon Lumber Co.; 12 miles; gauge, 4 ft. 9 in.; rail (steel), 35 lbs.; locomotives, 4; cars, 90; located in Roscommon Co., Mich. P. O. address, Meredith, Mich.

Jeannot, P. & Co. Owners of 9 miles of railroad; gauge, 3 ft.; rail (steel, 2 miles), 20 lbs.; locomotive, 1; cars, 18; cost of road and equipment, $25,000; located in Newaygo Co., Mich. P. O. address, Diamond Lake, Mich.

Lake County RR. Main line, Elk, Mich., to Forest terminal, 11 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs. per yard. Chartered, September 8, 1880; road opened from Elk, on the Pere Marquette River to Logging Camp August 20, 1880. Used exclusively for hauling logs. When the timber is exhausted, the track will be taken up and the road abandoned. Locomotives, 3; logging cars, 40. *Operations*, year ending December 31, 1888.—Tons of freight moved, 78,773. Earnings (freight), $19,693.22. Expenses, $20,193.22. Deficit, $500. *Financial Statement*, December 31, 1888.—Capital stock ($100 par), $60,000; other liabilities, $10,600. Cost of road, $40,600; equipment, $30,000. *Directors:* Thomas R. Lyon, John S. Woodruff, M. A. Neilan, Lucius K. Baker, Ludington, Mich.; John B. Lyon, Chicago, Ill. *Officers:* Thomas R. Lyon, *Gen. Man. & Agt.;* Jno. S. Woodruff, *Aud.*, Ludington, Mich.; Edwin Goodrich, *Supt.*, Branch, Mich. PRINCIPAL OFFICE, Ludington, Mich.

Lake Michigan and Northern RR. Owned by N. Holland & Co.; 15 miles; gauge, 3 ft.; rail (steel), 35 lbs.; locomotives, 2; cars, 40; located in Mackinac Co., Mich. P. O. address, Naubinway, Mich.

McCoy, Daniel. Owner of 4 miles of railroad; gauge, 3 ft.; rail (iron), 20 lbs.; locomotives, 2; cars, 25; located in Lake Co., Mich. P. O. address, Grand Rapids, Mich.

McIntyre & Co. Owners of 2 miles of railroad; gauge, 3 ft.; rail (iron), 20 lbs.; horses, 14; cars, 4; located in Iron Co., Mich. P. O. address, Mastodon, Mich.

Mason and Oceana RR. Buttersville, Mich., to Stetson, Mich., 27 miles. *Branch*, 7 miles—total, 34 miles; gauge, 3 ft.; rail (steel), 30 lbs. Chartered August 9, 1886; road opened, January 20, 1888. Locomotive engines, 4; cars—passenger, 1; baggage, etc., 1; box, 2; platform, 64; logging, 80; other, 11—total cars, 159. *Operations* for year ending December 31, 1889.—Train mileage, 53,360 miles. Passengers carried, 10,670; carried one mile, 149,380. Tons freight moved, 70,600; moved one mile, 1,412,000. Earnings—passenger, $5,007.70; other, $34,592.10—total, $39,599.80. Expenses and taxes, $39,218.10. Net earnings, $381.70. Dividends paid, $381.70. *Financial Statement*, December 31, 1889.—Capital Stock (par $100), $150,000; unfunded debt, $64,611.19—total, $214,611.19. *Contra:* Cost of road, $164,375.22; equipment, $47,035.97; material and fuel, $3,200—total, $214,611.19. Annual meeting, second Monday in January. *Directors* (January 9, 1890): Richard G. Peters, Manistee, Mich.; Horace Butters, P. O'Connor, Marshall F. Butters, Wm. H. Butters, Ludington, Mich. *Officers:* Horace Butters, *Pres.;* Richard G. Peters, *Vice-Pres.;* M. F. Butters, *Treas. & Sec.;* M. McDermott, *Gen. Supt.;* Chas. Crawford, *Chief Eng.*, Ludington, Mich. PRINCIPAL OFFICE AND ADDRESS, Ludington, Mich.

Midland Tram Ry. Gauge, 3 ft.; cars, 16; located in Midland Co., Mich. P. O. address, Midland, Mich.

Mills & Leighton. Owners of 2½ miles of railroad; gauge, 3 ft.; cars, 3; located in Van Buren Co., Mich. P. O. address, Otsego, Mich.

Mitchell Bros. Owners of 10½ miles of railroad; gauge, 3 ft.; locomotives, 2; cars, 30; horses, 20. Cost of road, $40,000; located in Missaukee Co., Mich. P. O. address, Cadillac, Mich.

Naubinway Logging RR. Owned by N. Holland & Co., of Buffalo, N. Y., and Naubinway, Mich.; 12 miles; gauge, 3 ft.; rail (steel), 30 lbs.; located in Mackinac Co., Mich.

North Branch and Sauble RR. Main line, 10 miles; gauge, 3 ft.; rail (steel), 30 lbs. Chartered June 8, 1888; road opened in August, 1888. Locomotive engines, 2. Cars (platform), 50. *Operations* for year ending December 31, 1889.—Earnings, $12,389.44. Expenses, $9,163.39. Net earnings, $3,226.15; surplus from last year, $10,897.27—total surplus, $14,123.42. *Financial Statement*, December 31, 1889.—Capital stock, $20,000; bills payable, $16,733.91; profit and loss, $14,123.42—total, $50,857.33. *Contra:* Cost of road, equipment, etc., $50,857.33. Annual meeting in June, at Ludington, Mich. *Directors* elected June 11, 1889: C. D. Danaher, J. E. Danaher, M. B. Danaher, J. D. Herrington, M. A. Danaher, Ludington, Mich. *Officers:* C. D. Danaher, *Pres. & Gen. Man.;* M. B. Danaher, *Vice-Pres.;* Jas. E. Danaher, *Sec. & Treas.* GENERAL OFFICE, Ludington, Mich.

Pelton's Logging Road. Owned by D. C. Pelton & Co.; 4 miles; gauge, 3 ft. 6 in.; rail (iron), 16 lbs.; locomotive, 1; cars, 20; located in Lake Co., Mich. P. O. address, Nirvana, Mich.

Perry-Pearson Co. Owners of 3½ miles of railroad. P. O. address, Manistique, Mich.

Plummer, C. H. Owner of 9 miles of railroad. P. O. address, East Saginaw, Mich.

Portage Lake and Muskegon River RR. Main line, 30 miles; branches, 8 miles; total, 38 miles;

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gauge, 3 ft.; rail (steel), 30 lbs.; locomotives, 5; cars, 92; other vehicles, 12; horses, 54; capital stock, $1,750,000; cost of road, $673,000. John W. Blodgett, *Pres.*, Grand Rapids, Mich.; E. W. Gray, *Treas.*, Muskegon, Mich.; C. E. Dermont, *Sec.*; S. W. Foster, *Supt.*, Grayling, Mich. P. O. address, Grayling, Mich.

Portage Lake RR. Owned by Blodgett & Byrnes; 26 miles; gauge, 3 ft.; rail (steel), 30 lbs.; locomotives, 3; cars, 93; horses, 60; cost of road and equipment, about $150,000. P. O. address, Muskegon, Mich.

Potts, J. E., Salt and Lumber Co. Owners of 44 miles of railroad; gauge, 3 ft.; rail (steel), 30 lbs.; locomotives, 10; cars, 160; located in Osceola Co., Mich. P. O. address, Detroit, Mich.

Rudduck, Nuttal & Co. Owners of 4½ miles of railroad; gauge, 3 ft.; locomotives, 1; cars, 10; located in Manistee Co., Mich. P. O. address, Manistee, Mich.

Ryerson, Hills & Co. Owners of 2½ miles of railroad; gauge, 4 ft. 8 in.; locomotives, 1; cars, 24; located in Newaygo Co., Mich. P. O. address, Muskegon, Mich.

Salliotte & Chittendon. Owners of 4 miles of railroad; gauge, 4 ft. 8½ in.; rail (iron), 20 lbs.; locomotive, 1; cars, 6; located in Gratiot Co., Mich. P. O. address, Ecorse, Mich.

Sands, Louis. Owner of 6 miles of railroad; gauge, 3 ft. 2 in.; locomotive, 1; cars, 16; located in Manistee Co., Mich. P. O. address, Manistee, Mich.

Sisson & Lilley Lumber Co. Owners of 7 miles of railroad; gauge, 4 ft. 9 in.; rail (steel), 25 lbs.; locomotive, 1; cars, 12; located in Newaygo Co., Mich. P. O. address, Lilley, Mich.

Smith Lumber Co. & Torrent's RR. Kalkaska to Island Lake, Mich., 9 miles; road opened December 31, 1886; locomotive, 1; cars, 12; miles run by cars, 12,000; tons of freight moved, 28,000; cost of road and equipment, $30,000. Geo. E. Smith, *Pres.*; Jas. E. Tripp, *Supt.* P. O. address, Kalkaska, Mich.

Staples & Covell. Owners of 10 miles of railroad; gauge, 3 ft.; rail (iron and steel), 20 to 30 lbs.; locomotives, 2; cars, 18; located in Oceana and Muskegon Cos., Mich. P. O. address, Whitehall, Mich.

State Lumber Co. Owner of 16 miles of railroad; gauge, 3 ft.; rail (steel), 25 lbs.; locomotives, 1; cars, 30. Capital stock, $50,000. Cost of road, $50,0000; located in Kalkaska Co., Mich. R. R. Blacker, *Pres.*; M. Fay, *Sec.*; Wm. Wente, *Treas.*; P. Noud, *Supt.* P. O. address, Manistee, Mich.

Steele, Wm. Owner of 14½ miles of railroad; gauge, 3 ft.; locomotives, 2; cars, 34; located in Montcalm Co., Mich. P. O. address, Wyman, Mich.

The Kirby Carpenter Co. Owner of 2½ miles of railroad; rail (steel), 30 lbs.; use horses; cars, 12; located in Iron Co., Mich. P. O. address, Menominee, Mich.

Thomas Log and Lumber RR. Owned by M. J. Thomas & Co.; 7 miles; gauge, 3 ft.; cars, 15; located in Montcalm, Mich. P. O. address, McBride, Mich.

West Branch RR. Owned by Thayer Lumber Co.; 13 miles; rail (steel), 25 lbs.; gauge, 3 ft.; locomotives, 2; cars, 40; located in Missaukee Co., Mich. P. O. address, Muskegon, Mich.

West Branch and Moorestown RR. Moorestown, Mich., to Muskegon River, Mich., 10.50 miles; sidings, etc., 0.70 mile; gauge, 3 ft.; rail, 20 lbs. per yard. Chartered February 20, 1882; opened July, 1882. This road is used entirely for lumbering operations. Locomotive engines, 2; logging cars, 20. *Operations* for the year ending December 31, 1886.—Miles run by freight trains, 18,060; tons of freight moved, 46,804; moved one mile, 491,442. Earnings—freight, $17,551.58. Expenses—maintenance of way, $3,125.80; rolling stock, $5,560; transportation, $4,240.50; general expenses $3,455.10—total, $16,381.40. Net earnings, $1,170.18. Paid rental of cars, $300. Surplus, $870.18; surplus from last year, $447.22—total surplus, $1,317.40. *Financial Statement*, December 31, 1886.—Capital stock (par $100), $35,000; current accounts, $3,765.51; profit and loss, $1,317.60—total, representing cost of road and equipment, $40,083.11. Annual meeting, last Tuesday in February. *Directors:* John Torrent, H. O. Lange, W. F. Hofstra, John Lynch, D. D. Erwin, Muskegon, Mich. *Officers:* John Torrent, *Pres.*; H. O. Lange, *Vice-Pres.*; W. S. Hofstra, *Sec. & Treas.*; John Lynch, *Gen. Man.*, Muskegon, Mich. PRINCIPAL OFFICE AND ADDRESS, Muskegon, Mich.

West Michigan Lumber Co. Owners of 12 miles of railroad; gauge, 3 ft.; rail (iron), 20 lbs.; steel, 25 lbs.; locomotives, 4; cars, 40; located in Newaygo Co., Mich. P. O. address, Muskegon, Mich.

Willard, W. F. Owners of 5 miles of railroad. P. O. address, Ferrysburg, Mich.

Wilson, Luther & Wilson Logging RR. 9 miles; gauge, 3 ft.; rail (steel, 4 miles), 20 lbs.; locomotive, 1; cars, 18; estimated cost of road, $18,000. Wm. A. Luther, *Pres.*; Robert M. Wilson, *Vice-Pres.*, Luther, Mich.; David E. Wilson, *Treas.*, Belding, Mich.

Wingleton and Wolf Lake RR. Owned by W. D. Wing & Co.; 10 miles; gauge, 3 ft.; locomotive, 1; cars, 6; located in Lake Co., Mich. P. O. address, Wingleton, Mich.

Wood Lake Logging RR. Owned by Fred F. Taylor; 4 miles; gauge, 3 ft.; rail (iron), 20 lbs.; locomotive, 1; cars, 9; located in Montcalm Co., Mich. P. O. address, Wood Lake, Mich.

Wright, A. W., Lumber Co. Owners of 25 miles of railroad; gauge, 4 ft. 8 in.; rail (steel), 35 lbs.; locomotives, 3; cars, 65; located in Gladwin Co., Mich. P. O. address, Saginaw, Mich.

STATE OF MINNESOTA.

Paine & Co.'s RR. Line of road, 7 miles; chartered and opened in 1886. Locomotives, 3; cars, 25; horses, 40. Cost of road, from $50,000 to $75,000. Owned by Paine & Co. Jas. W. Paine, *Pres.*; Mark Paine, *Sec. & Treas.*, Ass Paine *Supt.* GENERAL OFFICE, Northern Pacific Junction, Minn.

STATE OF MISSISSIPI.

Armistead Lumber Co. Owners of 7 miles of railroad; gauge, 3 ft.; locomotives, 2; cars, 24; log carts, 13; located in Rankin and Scott Cos., Miss. P. O. address, Armistead, Miss.

Brister, B. E., & Co. Owners of 5½ miles of railroad; gauge, 3 ft.; rail (steel, 3 miles), 28 and 35 lbs.; locomotive, 1; cars, 6; located in Lincoln Co., Miss. P. O. address, Bogue Chitto, Miss.

Camp & Hinton Bros. Owners of 3 miles of railroad; gauge, 4 ft. 8½ in.; rail (steel), 30 lbs.; locomotive, 1; cars, 6; located in Marion Co., Miss. P. O. address, Lumberton, Marion Co., Miss.

Chamberlin, W. C. Owner of 6 miles of railroad; gauge, 3 ft. 6 in.; locomotive, 1; cars, 6; located in Lincoln Co., Miss. P. O. address, Brookhaven, Miss.

Enochs Bros. RR. Owned by Enochs Brothers, of Jackson, Miss.; 4½ miles; gauge, 2 ft. 6 in.; rail (steel), 20 lbs.; locomotive engine, 1; cars, 6. P. O. address, Jackson, Miss.

Gage, C. R. Owner of 5 miles of railroad; gauge, 2 ft.; cars, 8; located in Lincoln Co., Miss. P. O. address, Montgomery, Miss.

Great Eastern RR. Owned by W. C. Albertson; 1½ miles; gauge, 3 ft.; rail (iron), 28 lbs.; locomotive, 1; located in Jones Co., Miss. P. O. address, Moselle, Miss.

Keystone Lumber and Improvement Co. Owner of 17 miles of railroad; gauge, 3 ft.; rail (iron), 58 lbs.; steel, 35 lbs.; locomotives, 3; cars, 87; cost of

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road and equipment, $122,500. Located in Lincoln Co., Miss. H. Wellman, *Pres.*; Geo. S. Lacey, *Vice-Pres. & Gen. Man.*; W. E. Osborn, *Sec.* P. O. address, Bogue Chitto, Miss.

Morton & Helm. Owners of 8 miles of railroad; and under construction, 4 miles; gauge, 3 ft.; locomotive, 1; cars, 12; located in Lincoln Co., Miss. P. O. address, Brookhaven, Miss.

Weatherbee, J. P. & W. C. Owners of 91 miles of railroad; gauge, 3 ft.; rails (iron), 40 and 56 lbs.; locomotives, 2; cars, 18; located in Wayne Co., Miss. P. O. address, Waynesboro, Wayne Co., Miss.

West Branch RR. Owned by Thayer Lumber Co.; 9 miles; rail (steel), 25 lbs.; gauge, 3 ft.; locomotives, 2; cars, 40; located in Missaukee Co., Miss. P. O. address, Muskegon, Mich.

White, J. J. Owner of 12 miles of railroad; gauge, 3 ft.; rail (steel and iron), 30 and 35 lbs.; locomotives, 2; cars, 20; located in Pike Co., Miss. P. O. address, McComb City, Miss.

STATE OF MISSOURI.

Burnham Branch RR. Owned by South Missouri Land Co.; 9 miles; sidings, 1.97 miles; gauge, 4 ft. 8½ in.; cars, 12; located between Burnham and Horton, in Howell Co., Mo. P. O. address, Kansas City, Mo.

Cache Valley RR. Owned by Kansas City and Southern Lumber Co.; 8 miles; gauge, 3 ft. 4 in.; locomotive, 1; cars 6; other vehicles, 4. Cost of road, $20,000. Located in Lawrence Co., Ark. D. H. Smith, *Pres.*, Sedalia, Mo.; Albert H. Man, *Sec. & Treas.*, Kansas City, Mo. P. O. address, Kansas City, Mo.

Cherry Valley RR. Cherry Valley Junction to Cherry Valley Mines, 6 miles; sidings, 0.5 mile; gauge, 4 ft. 8½ in.; rail (steel 3 miles), 56 and 60 lbs. Chartered, July 23, 1877; road opened August, 25, 1878. It is used entirely for hauling ore from mines of the Marance Iron Mining Co., to which company it is auxiliary. Locomotive engines, 3; cars (ore), 6; other vehicles, 1. *Financial Statement*, December 31, 1889.—Capital stock, $60.000. *Contra:* Cost of road, $42,915.97; equipment, $13,593.90. E. T. Herndon, *Pres. & Gen. Man.*, Midland, Mo.; T. T. Lewis, *Sec. & Treas.*, St. Louis, Mo. PRINCIPAL OFFICE AND ADDRESS. St. Louis, Mo.

The Missouri Lumber and Mining Co. Owner of 10 miles of railroad; gauge, 4 ft. 8½ in.; rail, (iron), 35 lbs.; locomotives, 2; horses and mules, 48; cars, 52; other vehicles, 38. Capital stock, $500,000; cost of road and equipment, $48,000; total assets, $1,000,000; located in Carter, Ripley and Reynolds Cos., Mo. *Officers:* H. H. Cummings, *Pres.*; L. L. Hunter, *Sec.*; J. B. Wh.te, *Gen. Man.* P.O. address, Grandin, Mo.

Williamsville, Greenville and Northeastern Ry. Projected to run from Williamsville, Mo., to Greenville, Mo., 12 miles. Completed from Williamsville, 10.50 miles. Remainder of line under construction. Gauge, 4 ft. 8½ in.; rail, 30 and 40 lbs. Chartered, June 15, 1888: road built in connection with lumbering interests of H. N. Holladay. Locomotive engines, 2; cars, 22. *Financial Statement.*—Capital stock authorized, $120,000; par per share, $100. Cost of road and equipment to date, $45,000. Estimated cost of completed road, $125,000. Annual meeting, June 15. *Directors:* H. N. Holladay, C. W. White, John T. Butts, Robert Gladden, A. B. Martindale. Williamsville, Mo. H. N. Holladay, *Pres. and Supt.*; A. B. Martindale, *Treas.*; C. W. White, *Sec.*; C. W. McCrea, *Chf. Eng.*, Williamsville, Mo. PRINCIPAL OFFICE AND ADDRESS, Williamsville, Mo.

STATE OF NEVADA.

Crystal Bay RR. Owned by Sierra Nevada Wood and Lumber Co.; about 11 miles; gauge, 3 ft.; locomotive, 1; cars, 53; miles run, 6,000; located in Washoe Co., Nev. P. O. address, Virginia City, Nev.

Lake Tahoe RR. Glenbrook, Nev., to Summit, Nev., 10 miles; sidings, 2 miles; gauge, 3 ft.; rail (all steel), 35 lbs. This road is owned by the Carson and Tahoe Lumber and Fluming Co. It is built wholly on land of the company, and for its own private use. The accounts of the railroad are distributed among other accounts of the C. & T. L. & F. Co.; consequently no statement of earnings or expenses is given. The company has no State charter. Road opened August 1, 1875. Locomotive engines, 3; cars—freight, 45; track, 4. Cost of road, $236,000; equipment, $57,000; real estate, $8,000—total, $301,000. D. L. Bliss, *Pres. & Gen. Man.*; Geo. F. Ford, *Sec.*, Carson, Nev.; Agency Bank of Cal., *Treas.*, Virginia City, Nev. PRINCIPAL OFFICE AND ADDRESS, Carson, Nev.

STATE OF NEW HAMPSHIRE.

Bartlett and Albany RR. Bartlett to Albany, N. H., 11.50 miles; gauge, 4 ft. 8½ in.; rail, 60 lbs. Chartered in October, 1887; used solely for transportation of lumber. Locomotive, 1; cars—baggage, etc., 1; freight, 10. Capital stock authorized, $150,000; paid in, $110,000. Funded debt authorized, 6 per cent. 20-year bonds, due 1908, $150,000; issued, $110,000. Trustees of bonds, Geo. E. B. Jackson and E. A. Noyes. *Directors:* H. N. José, C. E. José, J. C. Small, Portland, Me.; G. Morgan, Alonzo Smith, Bartlett, N. H. *Officers:* H. N. José, *Pres.*; J. C. Smal, *Sec. & Treas.*; W. D. Sawyer, *Supt.*, Bartlett, N. H. GENERAL OFFICE, Portland, Me.

Sawyer River RR. 10 miles; gauge, 4 ft. 8 in.; locomotives, 2; cars, 20. Capital stock authorized, $300,000; paid in, $50,000; located in Grafton Co., N. H. Daniel Saunders, *Pres.*, Lawrence, Mass.; Charles G. Saunders, *Treas.*, Boston, Mass.; William G. Hull, *Sec.*, Livermore, N. H. P. O. address, Livermore, N. H.

STATE OF NEW YORK.

Babcock, Charles. Owner of 2 miles of railroad; gauge, 3 ft. 6 in.; cars, 3; located in Oswego Co., N. Y. P. O. address, Orwell, N. Y.

Crown Point Iron Company's RR. Crown Point, N. Y., to Hammondville, N. Y., 12.84 miles; sidings, 7.16 miles; gauge, 3 ft.; rail (steel, 12.84 miles), 45 and 46 lbs. Road is used chiefly for the business of the company. Locomotive engines, 3; cars—passenger, 1; freight (box, 3; ore, 120; platform, 6), 129; caboose, 3—total cars, 133. *Directors* (elected in May, 1889): Le G. B. Cannon, R. M. Olyphant, New York, N. Y.; Geo. H. Catlin, Jas. P. Dickson, Scranton, Pa.; D. R. Pratt, Elmira, N. Y. *Officers:* Le Grand B. Cannon, *Pres.*; H. M. Olmstead, *Sec. & Treas.*, New York, N. Y.; A. L. Inman, *Gen. Man.*, Plattsburgh, N. Y.; H. L. Reed, *Asst. Gen. Man.*, Crown Point, N. Y. GENERAL OFFICE, Crown Point, N. Y.

Fulton Chain RR. Moose River to Minnehaha, N. Y., 8 miles. Owned by A. H. Crosby, of Lewisville, N. Y., and G. H. P. Gould, of Lyons Falls, N. Y. Rails made of wood; located in Herkimer and Lewis Cos.; locomotive, 1; passenger car, 1; work cars, 6. P. O. address, Lyons Falls, N. Y.

Jones Mountain RR. Hudson River to Jonesburgh, N. Y., 3 miles; graded 2 miles farther; gauge, 5 ft. 8 in.; rail (steel), 56 lbs.; locomotive, 1; cars, 28. Fred. W. Jones, *Pres.*; L. Shute, *Supt.*, Jonesburgh, N. Y. GENERAL OFFICE, Jonesburgh, N. Y.

McFarlane, Ross, & Stearns. Owners of 16½ miles of railroad; gauge, 4 ft. 8½ in.; rail (iron), 30 lbs.; locomotive, 1; located in Franklin Co., N. Y. P. O. address, Everton, N. Y.

Salamanca Air Line. Owned by D. H. Paterson; 6 miles; gauge, 4 ft. 8½ in.; rail (iron), 64 lbs.; locomotive, 1; located in Cattaraugus Co., N. Y. P. O. address, Salamanca, N. Y.

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STATE OF NORTH CAROLINA.

Camp Mfg. Co. Owners of 5 miles of railroad; gauge, 4 ft.; rail (steel), 25 lbs.; locomotives, 2; cars, 8; located in Hertford Co., N. C. P. O. address, Franklin, Va.

Hamilton RR. & Lumber Co. Line of road, Hamilton to Tarboro, N. C., 20¼ miles; branch, 8 miles. Chartered in October, 1887; road opened January 1, 1888. The material in the Hitch RR. in Bertie Co. has been taken up and used in the construction of this road. Locomotive engines, 2; cars, 30. *Earnings*, etc., for the year ending December 31, 1889.—Earnings, passenger, $2,300; other sources, $17,260—total, $19,560. Expenses and taxes, $12,750; net earnings, $6,860. Capital stock, $100,000. Cost of road, etc., $98,000. The company runs a daily train carrying passengers, mail and freight. Frank Hitch, *Pres. & Supt.;* F. H. Pritchard, *Aud.*, Hamilton, N. C.; D. L. Emerick, *Treas.*, Baltimore, Md. GENERAL OFFICE, Hamilton, N. C.

Roanoke RR. & Lumber Co. (Successors to Bayside and Yeatesville RR.); 12 miles; gauge, 3 ft. 6 in.; rail (steel, 20 lbs.; locomotives, 2; cars, 12; located in Beaufort Co., N. C. P. O. address, Bath, N. C.

Simmons, Dennis. Owner of 4 miles of railroad; gauge, 3 ft.; cars, 4; located in Martin Co., N. C. P. O. address, Williamston, N. C.

Taylor Lumber RR. 6 miles; gauge, 4 ft. 9 in.; locomotive, 1; cars, 6; located in Edgecomb Co., N. C. P. O. address, Whittaker, N. C.

The Cashi and Chowan RR. & Lumber Co. Owned by Greenleaf, Johnston & Son; 30 miles; gauge, 3 ft. 6 in.; rail (steel), 25 lbs.; locomotives, 3; cars, 54; located in Bertie and Chowan Cos., N. C. P. O. address, Howard, N. C.

Tilley, H. L. & Bro. Owners of 2 miles of railroad; gauge, 3 ft. 6 in.; cars, 2; located in Halifax Co., N. C. P. O. address, Tillery, N. C.

STATE OF OHIO.

Antwerp and Paulding RR. Antwerp, O., to Paulding, O., 6 miles; gauge, 4 ft. 8½ in.; rail (steel 4.5 miles), 35 lbs. Chartered April 19, 1873. Road opened September 1, 1879. This road is a private enterprise, used chiefly for freight transportation. *Rolling Stock.*—Locomotive engines, 4; cars, 5; freight (box, 12; platform, 36; coal, 4), 52—total, 57. *Financial Statement.*—Capital stock, $60,000; bills payable, $2,700; accounts and liabilities, $1,700—total, $64,400. *Contra:* Construction, $55,000; equipment, $15,000; real estate, $3,500; materials, $2,000; bills receivable, $1,750; cash, $7,000. Thomas G. Fitzsimmons, *Pres.;* John Paulson, *Sec.;* Joseph R. Fitzsimmons, *Treas.*, Antwerp, O. PRINCIPAL OFFICE AND ADDRESS, Antwerp, O.

Deshler and Wayback City RR. Owned by B. Smith; 5 miles; gauge, 4 ft. 8½ in.; locomotive, 1; cars, 10; located in Henry Co., O. P. O. address, Deshler, O.

Haskell, W. C. & J. Owners of 3 miles of railroad; gauge, 3 ft. 6 in.; cars, 5; located in Ashtabula Co., O. P. O. address, Ashtabula, O.

Salineville Branch RR. 3 miles; rail, 60 lbs.; locomotive, 1; construction, etc., $30,000. James Farmer, *Supt.*, Cleveland, O.

Sheriden Mining Co.'s RR. P. O. address, General Sheriden Coal Works, O.

Van Wert and Paulding RR. Owned by Geo. H. Marsh; 10 miles; gauge, 3 ft.; rail (iron), 30 lbs.; locomotives, 2; cars, 17; located in Van Wert Co., O. P. O. address, Van Wert, O.

Wilson, Fuller & Young. Owners of 2 miles of railroad; guage, 3 ft. 8 in.; located in Ashtabula Co., O. P. O. address, Phœnix, O.

STATE OF OREGON.

Waluskie RR. Owned by J. C. Trullinger; 2 miles; gauge, 4 ft. 8½ in.; rail (iron), 56 lbs.; locomotive, 1; cars, 4; located in Clatsop Co., Ore.; cost of road and equipment, $30,000. J. C. Trullinger, *Pres.;* T. O. Trullinger, *Treas.;* S. G. Trullinger, *Sec.*, Astoria, Ore.

STATE OF PENNSYLVANIA.

Anderson Creek RR. Owned by Geo. B. Merrill & Co.; 6 miles; gauge, 4 ft. 9 in.; locomotive, 1; cars, 13; located in Clearfield Co., Pa. P. O. address, Lock Haven, Pa.

Bark Camp RR. Owned by J. B. Walker; 4½ miles; gauge, 4 ft. 9½ in.; rail (iron), 25 lbs.; locomotive, 1; cars, 10; located in Clearfield Co., Pa. P. O. address, Winterburn, Pa.

Beaver City RR. Owned by A. C. Batchelder; 2 miles; gauge, 3 ft. 6 in.; locomotive, 1; cars, 8; located in Crawford Co., Pa. P. O. address, Tryonville, Pa.

Blanchard Extension RR. Owned by Chas. Blanchard's Estate; 5½ miles; locomotive, 1; cars, 25; located in Clearfield Co., Pa. P. O. address, Winterburn, Pa.

Blossburg Coal Co. Owners of 3 miles of railroad; gauge, 3 ft.; locomotive, 1; cars, 15; located in Tioga Co. P. O. address, Arnot, Pa.

Bump, H. A. & Co. Owners of 2 miles of railroad; gauge, 3 ft. 6 in.; locomotive, 1; cars, 4; located in Susquehanna Co., Pa. P. O. address, Binghamton, N. Y.

Bush & Belknap. Owners of 8½ miles of railroad; gauge, 3 ft.; locomotive, 1; cars, 14; located in Warren and Crawford Cos., Pa. P. O. address, East Branch, Pa.

Cullish, Wm. Owner of 3 miles of railroad; gauge, 3 ft.; rail (iron), 16 lbs.; locomotive, 1; cars, 10; located in Elk Co., Pa. P. O. address, Benzinger, Pa.

Clear Run and Juniata RR. Owned by John F. Dubois; 8½ miles; gauge, 4 ft. 8½ in.; locomotives, 3; cars, 40; located in Clearfield Co., Pa. P. O. address, Dubois, Pa.

Dent's Run RR. Owned by Miles Dent, Emery & Reading; 5 miles; gauge, 4 ft. 8 in.; locomotive, 1; cars, 26; located in Elk Co., Pa. P. O. address, Dent's Run, Pa.

Diamond Valley RR. Barre to Globe Run, 11½ miles; Reed's to Round Top, 1 mile; total, 12½ miles. Siding, 1 mile. Gauge, 3 ft.; rail (steel), 25 and 67 lbs. Locomotives, 2. Cars, passenger, 4; platform, 24; caboose, 1; total cars, 29. Cost of road and equipment, $125,000; real estate, $10,000. Located in Huntingdon Co., Pa. David Gring, *Pres. & Gen. Manager;* R. W. Cline, *1st Vice-Pres.*, Harrisburg, Pa.; H. H. Bechtel, *2d Vice-Pres.*, Newport, Pa.; Geo. C. Bent, *Sec.;* J. H. Irwin, *Treas.;* S. H. Gringe, *Supt.;* Geo. B. Orlady, *Solicitor;* A. P. W. Johnston, *Chief Engineer*, Harrisburg, Pa. P. O. address, Harrisburg, Pa.

Eagle Mills RR. Owned by Thos. Keeler; 2½ miles; gauge, 4 ft. 8 in.; rail (steel), 20 lbs.; locomotives, 2; cars, 8; located in McLean Co., Pa. P. O. address, Wetmore, Pa.

Edgewood Coal Company's RR. Edgewood Intersection to Hampton Coal Fields, Pa., 1 mile. Sidings, 0.60 mile. Gauge, 4 ft. 9 in.; rail, 56 lbs.; locomotive engine, 1; no cars owned. This is a private road, used exclusively as a coal-carrier. No passengers carried. No earnings. Expenses borne by coal works using the road. *Financial Statement*, December 31, 1889.—Capital stock (shares, $50), $15,000; unfunded debt, $19,532—total, $34,532. Cost of road and equipment, $30,172.36. *Directors.*—W. H. Schoenberger, Cincinnati, O.; Thomas C. Dickson, C. L. Fitzhugh, Robert

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Dickson, Pittsburgh, Pa. W. H. Schoenberger, *Pres.*, Cincinnati, O.; Edward P. Loy, *Sec.*; Thomas C. Dickson, *Treas.*, Pittsburgh, Pa. PRINCIPAL OFFICE AND ADDRESS, 1425 Liberty St., Pittsburgh, Pa.

Fox Creek RR. Line of road, Nebraska, Pa., to Pine Hollow, 6 miles; gauge, 3 ft.; rail (iron), 20 lbs.; locomotive, 1; cars, 13; located in Forest Co., Pa. Owned by T. D. Collins. P. O. address, Nebraska, Pa.

Goodyear, F. H. & C. W. Owners of about 36 miles of railroad; gauge, 4 ft. 8½ in.; rail (steel), 40 lbs.; locomotives, 5; logging cars, 90. This road leaves Costello, Potter Co., Pa., and branches in different directions. P. O. address, Buffalo, N. Y.

Hickory Valley RR. Line of road, 8¼ miles; gauge 4 ft. 8½ in.; rail (steel), 40 lbs.; chartered May 16, 1887; locomotive, 1; cars, 11; other vehicles, 2; tons of freight moved, 45,000. N. P. Wheeler, *Pres.*; G. W. Warden, *Sec. & Supt.*, East Hickory, Pa.; W. A. Dusenberry, *Treas.*, Tidioute, Pa. Owned by Wheeler & Dusenberry. P. O. address, East Hickory, Pa.

Hunter, John. Owner of about 2 miles of railroad; gauge, 3 ft. 6 in.; rail (iron), 15 lbs.; cost of road and equipment, $1,500; located in Triumph City, Pa. P. O. address, Garland, Pa.

Hunter's RR. Line of road, 3½ miles; cars, 10; other vehicles, 5; tons of freight moved, 7,000. John Hunter, *Pres.*; L. L. Hunter, *Sec., Treas. & Supt.* GENERAL OFFICE, Tidioute, Pa.

Hyde, W. H. & Co. Owners of 15 miles of railroad; gauge, 4 ft. 8½ in.; locomotives, 3; cars, 10; located in Elk Co., Pa. P. O. address, Ridgway, Pa.

Island Run RR. Owned by A. Thompson; 7½ miles; gauge, 4 ft. 8½ in.; rail (steel), 20 and 25 lbs.; locomotive, 1; cars, 25; located in Elk Co., Pa. P. O. address, Ridgway, Pa.

Jamison Run RR. Owned by Rowland Cobb; 2 miles; gauge, 4 ft. 6 in.; cars, 4; located in Forest Co., Pa. P. O. address, Tionesta, Pa.

Kane Oil Field RR. Owned by James Bros.; 7 miles; gauge, 3 ft.; rail (steel), 30 lbs.; locomotives, 2; cars, 25; located in McKean and Elk Cos. H. J. James, *Pres. & Gen. Man.*; T. S. James, *Sec.*; E. B. James, *Treas.*, Pa. P. O. address, Kane, Pa.

Keystone Coal Company's RR. Junction (P. & Conn. RR.) to Keystone Mines, Pa., 5.50 miles; 2d track, 0.55 mile. Gauge, 3 ft.; rail (steel 0.50 mile), 30 and 50 lbs. Road opened 1877. This is a private road owned by the Keystone Coal Co. Locomotives, 2; coal cars, 70. *Operations.*—All accounts included in those of the Keystone Coal Co. The road is used only for hauling coal from the mines of the company, on Casselman River, 3 miles south of Meyersdale, to Keystone Junction, on the line of the Pittsburg division of the B. & O. RR., where it is dumped out of the mining cars into the B. & O. RR cars. *Directors.*—Henry A. Stiles, Philadelphia, Pa.; Jonathan Steward, Trenton, N. J.; John H. Small, York, Pa.; A. G. Richey, Trenton, N. J.; Henry T. Weld, Baltimore, Md.; Geo. F. Bear, Reading, Pa.; James P. Scott, Philadelphia, Pa. *Officers.*—Henry A. Stiles, *Pres.*; F. H. Williams, *Sec. & Treas.*, Philadelphia, Pa. PRINCIPAL OFFICE AND ADDRESS, Meyersdale, Pa.; transfer office, 209 South Third Street, Philadelphia, Pa.

Kinzua Creek and Kane RR. Line of road, 9 miles; gauge, 3 ft.; chartered June 16, 1888; road opened June 16, 1889; locomotives, 2; cars, 40; located in Kane Co., Pa. Capital stock, $36,000; funded debt, 6 per cent. bonds, dated January 1, 1889, due January 1, 1890-91, $2,340. G. W. Campbell, *Pres.*; E. W. Campbell, *Sec. & Treas.* GENERAL OFFICE, Kane, Pa.

Minor, W. H. Owner of 1½ miles of railroad; gauge, 3 ft.; rail (iron), 16 lbs.; cars, 3; located in Bradford Co., Pa. P. O. address, Foot of Plane, Pa.

Moore, John B. Owner of 3 miles of railroad; gauge, 3 ft.; rail (iron), 16 lbs.; locomotive, 1; cars, 7. Cost of road, etc., $7,000. Located in Warren Co., Pa. P. O. address, Garland, Pa.

Otto Glen RR. Owned by H. M. & J. B. Otto; 5 miles; gauge, 4 ft. 9 in.; rail (steel), 20, 25 and 35 lbs.; locomotives, 2; cars, 10; located in Elk Co., Pa. P.O. address, Williamsport, Pa.

Penn Lumber Co. (Limited). Line of road, 4 miles; gauge, 4 ft. 9 in.; rail (iron), 30 lbs.; locomotive, 1; cars, 2; located in Erie Co., Pa. P. O. address, Tracy, Pa.

Pennsylvania Gas Coal Company's RR. Irwin, Pa., to Sewickly (B. & O. RR.), Pa., 9.70 miles; gauge, 4 ft. 9 in.; rail (steel), 56 and 60 lbs. Built by the Pennsylvania Gas Coal Company to connect its mines with the Pennsylvania and Baltimore and Ohio RRs. This company has no capital stock. Cost of road and equipment to June 30, 1889, $377,887.24. Locomotive engines, 2; cars—passenger, 2; baggage, mail and express, 3; service, 2—total cars, 7; also 2 hand cars and hand truck. *Later information refused.* The following statement of operations, etc., has been supplied by the Secretary of Internal Affairs for Pennsylvania. *Operations* for six months ending June 30, 1889.—Passengers carried, 9,935; carried one mile, 51,843. Tons freight moved, 64,477; moved one mile, 574,233. Earnings—passenger, $2,592.14; freight, $4,716.04; mail, $182.32—total, $7,490.50. Operating expenses, $10,996.90. Deficit from operations, $3,506.40. Annual meeting, first Tuesday in February. *Directors:* F. A. Dingee, H. A. Stiles, Charles Hacker, Philadelphia, Pa.; A. G. Richey, Trenton, N. J.; John T. Knight, Easton, Pa. *Officers:* F. A. Dingee, *Pres.*; H. A. Stiles, *Vice-Pres.*; A. K. Gregory, *Sec. & Treas.*, Philadelphia, Pa.; J. F. Wolf, *Gen. Supt.*, Irwin Station, Pa. PRINCIPAL OFFICE AND ADDRESS, Philadelphia, Pa.

Piney Run RR. Owned by Geo. S. Young; 6 miles; gauge, 3 ft.; rail (iron), 16 lbs.; locomotive, 1; cars, 6; located in Somerset Co., Pa. P. O. address, Boynton, Pa.

Ramey, D. K. Owner of 3 to 5 miles of railroad; gauge, 3 ft. 6 in.; rail (iron), 16 lbs.; locomotive, 1; cars, 2; located in Clearfield Co., Pa. P. O. address, Ramey, Pa.

Reno RR. Line of road, 5 miles; gauge, 4 ft.; rail (steel), 25 lbs.; locomotive, 1; cars, 14. Owned by Wheeler & Dusenberry.

Roger's Run RR. Owned by A. O. Donnell; 1½ miles; gauge, 4 ft. 8 in.; cars, 2; located in Jefferson Co., Pa. P. O. address, Fullers, Pa.

Rolfe and Forest City RR. Owned by Henry Bayard & Co.; 10 miles; gauge, 4 ft. 8 in.; rail (iron), 60 lbs.; locomotive, 1; cars, 10; tons of freight moved, 50,000; located in Elk Co., Pa. P. O. address, Wilcox, Pa.

Russell J. A. & Co. Owners of 1½ miles of railroad; gauge, 6 ft.; cars, 2; located in Crawford Co., Pa. P. O. address, Steamburgh, Pa.

Snow Shoe and Little Sandy RR. Owned by Hopkins & Weymouth; 3 miles; rail (steel), 25 lbs.; locomotive, 1; cars, 14; located in Centre Co., Pa. P. O. address, Lock Haven, Pa.

Strasburg RR. Leaman Place to Strasburg, Pa., 4.5 miles. Sidings, etc., 1 mile. Gauge, 4 ft. 8 in.; rail, 45 lbs. Chartered June 9, 1832. Road built and opened in 1837. For several years this road was operated at a loss, and, the company becoming embarrassed, its property was sold under foreclosure in April, 1859, and the company reorganized. Purchased in 1874 or 1875 by its present owners, and leased by them to E. C. Musselman at an annual rental of $1,500, less cost of repairs. The road is chiefly used for the transportation of coal, timber, and feed from the Philadelphia Division of the Pennsylvania RR to Strasburg. Locomotive, 1; cars, passenger, 1; freight, 1. Henry Baumgardner, *Pres.*; Thomas Baumgardner, *Treas.* PRINCIPAL OFFICE AND ADDRESS, Lancaster City, Pa.

The Arthurs Coal and Lumber Co. Owners of 5¼ miles of railroad; gauge, 4 ft. 9 in.; rail (iron), 25 lbs. and 35 lbs.; locomotives, 2; cars, 16; located in Cameron Co., Pa. Ralph Bagaley, *Pres.*, Pittsburgh,

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Pa.; Alfred Truman, *Treas. & Gen. Supt.*, Truman, Pa.; David E. Jackman, *Sec.*, Pittsburgh, Pa. P. O. address, Pittsburgh, Pa., and Truman, Pa.

Tobyhanna and Lehigh Lumber Co. Owners of five miles of railroad; gauge, 3 ft.; cars, 10; located in Monroe Co., Pa. P. O. address, Tobyhanna Mills, Pa.

Waienhorst, J. J. Owners of 2 miles of railroad; gauge, 2 ft. 6 in.; cars, 4; located in Wayne and Julian Cos., Pa. P. O. address, Gouldsboro, Pa.

Weigel & Co. Owners of 2 miles of railroad; gauge, 4 ft.; rail (iron), 36 lbs.; cars, 2; located in Clarion Co., Pa. P. O. address, Vowenkel, Pa.

STATE OF SOUTH CAROLINA.

Alderman, D.W. & Co.'s, RR. Line of road, 14 miles (iron); gauge, 5 feet; locomotives, 3; cars, 20; log carts, 25; horses and mules, 61; located in Clarendon Co., S. C.; D. W. Alderman, *Pres. & Treas.*; N. C. McDuffie, *Sec.* P. O. address, Alcolu, S. C.

Bishopville RR. Co. Atkins, S. C., to Bishopville, S. C., 14.75 miles; sidings, 1.5 miles; gauge, 4 ft. 9 in.; rail, 56 lbs. per yard. Chartered in December, 1886. This is a private road, and is owned by A. J. Atkins, who rents iron and cars from other companies. It is expected that the road will be extended 10 or 15 miles farther. The company owns one locomotive engine. *Operations* for five months ending June 30, 1887.—Traffic statistics not reported. Earnings—passenger, $15; freight, etc., $1,653.20—total, $1,668.20. Operating expenses and taxes, $4,000. Balance, deficit, $2,331.80. *Financial Statement.*—Capital stock authorized, $25,000. Estimated cost of completed road, $8,975. *Directors.*—A. J. Atkins, W. L. McKnight, Atkins, S. C. A. J. Atkins, *Owner.* PRINCIPAL OFFICE AND ADDRESS, Atkins, S. C.

Cummings, W. F. Owner of 20 miles of railroad; gauge, 4 ft. 9 in.; rail (iron), 35 and 50 lbs.; locomotives, 2; cars, 9; located in Hampton Co., S. C.; cost of road and equipment, $35,000; net earnings, $3,000 P. O. address, Cummings, S. C.

Lukens & Reissnyder. Owners of 7½ miles of railroad; gauge, 5 ft.; rail (iron), 70 lbs.; locomotive, 1; cars, 6; located in Clarendon Co., S. C. P. O. address, Oaklands, S. C.

Lumb, James M. Owner of 8 miles of railroad; gauge, 3 ft. 3 in.; rail (iron), 55 lbs.; locomotives, 2; horses, 26; cars, 5; other vehicles, 10; located in Hampton Co., S. C. P. O. address, Coosawhatchie, S. C.

Mallard, E. G. & Co. Owners of 16 miles of railroad; gauge, 5 ft.; rail (iron), 60 lbs.; locomotives, 2; cars, 18; mules, 40; located in Sumter Co., S. C. P. O. address, Magnolia, S. C.

Mallet, C. P. Owner of 3 miles of railroad; gauge, 5 ft.; rail (iron), 56 lbs.; locomotive, 1; cars, 6; located in Sumter Co., S. C. P. O. address, Mayesville, S. C.

Mims, Fletcher. Owner of 13 miles of railroad; gauge, 3 ft.; locomotive, 1; cars, 5; located in Colleton Co., S. C. P. O. address, Rose, S. C.

Moses & Harvey. Owners of 7 miles of railroad; gauge, 4 ft. 9 in.; rail (iron), 25 lbs.; locomotive, 1; cars, 5; located in Sumter Co., S. C. P. O. address, Sumter, S. C.

Scranton and Summonsville RR. 4 miles; gauge, 4 ft. 9 in.; locomotive, 1; cars, 5; located in Williams, Clarendon and Sumter Cos., S. C. P. O. address, Scranton, S. C.

Smoake Tramway Co. Owned by E. T. R. Smoake; 6 miles; gauge, 3 ft.; locomotive, 1; cars, 5; horses, 3; located in Orangeburg Co., S. C. P. O. address, Branchville, S. C.

Summerton and St. John's RR. Owned by A. W. Taylor & Co.; 14 miles; gauge, 3 ft.; rail (iron), 25 and 30 lbs.; locomotives, 3; cars, 20; located in Berkely Co., S. C. P. O. address, Summerville, S. C.

Wilson and Summerton RR. Line of road, 20 miles; sidings, 3 miles; gauge, 4 ft. 9 in.; chartered, December 11, 1888; road opened, July 30, 1889. Locomotives, 2; cars, 13; capital stock, $85,000; cost of road, $70,000; located in Clarendon Co., S. C. Thomas Wilson, *Pres.*, Wilson's, S. C.; James F. Post, Jr., *Treas.*, Wilmington, N. C.; J. F. Rhome, *Sec.*, Manning, S. C. GENERAL OFFICE, Wilson's, S. C.

Woods, I. T. Owner of 5 miles of railroad; gauge, 4 ft. 9 in.; cars, 2; located in Williamsburg Co., S. C. P. O. address, Lake City, S. C.

STATE OF TENNESSEE.

Boyle, L. V. & Co. Owners of 13 miles of railroad; gauge, 2 ft. 11 in.; locomotive, 1; cars, 40; located in Obion Co., Tenn. P. O. address, Obion, Tenn.

Danville & La Grange RR. Owned by the Southern Iron Co. Used only for hauling the company's freight. Length of line, 5½ miles. J. G. Warner, *Pres.*, Nashville, Tenn.

Genesis and Obed River RR. Owned by Capt. Lina Beecher; 85 miles; gauge, 4 ft. 8½ in.; capital stock, $3,000,000; located in Cumberland, Morgan and White Co.'s, Tenn. *Directors:* Harry E. Lathrop, J. M. Holmes, S. N. Vance, Hon. C. A. Seaver, Capt. Lina Beecher. *Officers:* Capt. Lina Beecher, *Pres.*; Hon. C. A. Seaver, *Sec. & Treas.* P. O. address, Crossville, Tenn.

Minnick, G. R. & Co. Owners of 6 miles of railroad; gauge, 3 ft.; cars, 8; located in Obion Co., Tenn. P. O. address, Obion, Tenn.

STATE OF TEXAS.

Angle Lumber Co. Owner of 4 miles of railroad; gauge, 3 ft.; rail (iron), 20 lbs.; chartered February 17, 1886; locomotives, 2; cars, 10; located in Polk Co., Tex. P. O. address, Houston, Tex.

Atalanta and Mount Pleasant RR. and Kildare and Linden RR. Owned by Jefferson Lumber Co.; 23 miles; gauge, 3 ft.; locomotives, 3; cars, 40; cost of road, $125,000; located in Cass Co., Tex. J. H. Bemis, *Pres.*; C. T. Bemis, *Sec. & Treas.* P. O. address, Jefferson, Tex.

Ayres, J. K. Owner of two miles of railroad; gauge, 2 ft. 4 in.; locomotive, 1; cars, 4; located in Montgomery Co., Tex. P. O. address, Conroe, Tex.

Bender, C. & Son. Owners of 4 miles of railroad; gauge, 3 ft.; locomotive, 1; cars, 4; located in Polk Co., Tex. P. O. address, Moscow, Tex.

Boring, W. G. Owner of 9 miles of railroad; rails (iron), 20 to 40 lbs.; gauge, 3 ft.; locomotives, 2; cars, 12; located in Polk Co., Tex. P. O. address, Moscow, Tex.

Carter, W. T. & Bro. Owners of 7½ miles of railroad; gauge, 3 ft.; rail (steel and iron), 25 and 30 lbs.; locomotives, 2; cars, 14; located in Polk Co., Tex. P. O. address, Barnum, Tex.

Conroe, I. Owner of 3½ miles of railroad; gauge, 3 ft.; rail (iron), 20 lbs. and 35 lbs.; locomotive, 1; cars, 4; cost of road, $15,000; located in Montgomery Co., Tex. P. O. address, Conroe, Tex.

East Texas Transportation Co. Projected from Queen City to the Arkansas and Louisiana State Line; 16 miles; with branch from Atlanta to Queen City. Track laid, 8 miles; gauge, 3 ft.; rail, 35 lbs. per yard. Chartered in March, 1887, and bought ½ interest in the Queen City Lumber Co.'s road, which was chartered as the Queen City, Spring Bank, and Linden RR. The road is now being operated under a 3-years' lease by Ed. Rand & Co., who extends the road into the timber lands as the business demands. Locomotive engines, 2; freight cars, 38. *Financial Statement.*—Capital stock (authorized, $200,000), $38,000; other

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liabilities, $42,000—total, $80,000; being cost of road and equipment to date. Annual meeting, second Tuesday in March. *Directors:* H. J. Allen, W. G. Wadley, W. C. Brown, F. M. Duncan, Queen City, Tex.; W. A. Scott, Ed. Sheets, J. D. Jonson, Atlanta, Tex. *Officers:* P. H. Scott, *Pres.;* Ed. Rand, *Treas. & Gen. Man.*, Atlanta, Tex.; W. G. Wadley, *Supt.*, Queen City, Tex. PRINCIPAL OFFICE, Atlanta, Tex.

Eastern Shore Line RR. Owned by Jefferson & Cruse; 9 miles; gauge, 3 ft.; rail (iron), 40 lbs., and wood; locomotive, 1; cars, 5; located in Liberty Co., Tex. P. O. address, Keno, Tex.

Garwood, J. L. Owner of 3 miles of railroad; gauge, 3 ft.; locomotive, 1; cars, 12; located in Montgomery Co., Tex. *Officers:* J. L. Garwood, *Pres.;* G. L. Witherspoon, *Sec. & Treas.* P. O. address, Medley, Tex.

Groveton, Kickapoo and Gulf RR. Owned by Trinity Co. Lumber Co.; 7¼ miles; rail (iron), 30 lbs.; gauge, 3 ft.; locomotive, 1; cars, 11; located in Trinity Co., Tex. S. T. Sloan, *Pres.;* Wm. Holmes, *Sec. & Treas.* P. O. address, Groveton, Tex.

Gulf, Sabine and Red River RR. Owned by Lutcher & Moore; 32 miles; horses, 60; cars, 100. P. O. address, Orange, Tex.

Jefferson & Cruse. Owners of 5 miles of railroad; gauge, 3 ft. Chartered in 1885. Locomotive, 1; cars, 6; other vehicles, 6; horses, 8. Located in Liberty Co., Tex. P. O. address, Keno, Tex.

Josserand, P. & Bro. Owners of 7 miles of railroad; locomotives, 2; cars, 10; miles run, 54,000; freight moved, 52,000; located in Trinity Co., Tex. Cost of road, etc., $25,000. P. O. address, Josserand, Trinity Co., Tex.

Lake Creek RR. 8 miles; gauge, 3 ft.; rail (iron), 20 lbs.; locomotives, 2; cars, 25; located in Montgomery Co., Tex. P. O. address, Montgomery, Tex.

Linden Spring Bank and Queen City RR. Owned by Queen City Lumber Co.; 7½ miles; gauge, 3 ft.; rail (iron), 35 lbs.; locomotive, 1; cars, 8; located in Cass Co., Tex. P. O. address, Queen City, Tex.

Lone Star Mill Tram RR. Owned by T. L. Hackney; 4 miles; gauge, 3 ft.; rail (wood and iron), 20 lbs.; locomotive, 1; cars, 4; located in Polk Co., Tex. P. O. address, Corrigan, Tex.

Matthew, H. S. Owner of 5 miles of railroad; gauge, 3 ft.; rail (steel), 20 lbs.; locomotive, 1; cars, 10; located in Bowie Co., Tex. P. O. address, Eylau, Tex.

Matthews & Co. Owners of 6 miles of railroad; gauge, 3 ft.; locomotive, 1; cars, 6. Located in Liberty Co., Tex. P. O. address, Cleveland, Tex.

Morris, A. W. Owner of 8 miles of railroad; gauge, 3 ft.; locomotives, 3; cars, 6; located in Polk Co., Tex.; capital stock, $6,050; debt, $1,500; cost of road and equipment, $16,700. P. O. address, Bowers, Polk Co., Tex.

Neldigk, O. S. Owner of 3 miles of railroad; gauge, 3 ft.; locomotive, 1; cars, 4; located in San Jacinto Co., Tex. P. O. address, Shepherd, Tex.

Nona Mills RR. Line of road, 6 miles; gauge, 3 ft.; rail (iron), 56 lbs.; locomotive, 1; oxen, 80; cars, 15; other vehicles, 18; cost of road and equipment, $17,000; net earnings, $6,300; located in Hardin Co., Tex. F. L. Carroll, *Pres.*, Waco, Tex.; Jno. N. Gilbert, *Sec. & Treas.*, Beaumont, Tex.; G. R. Furgerson, *Supt.*, Nona, Tex. GENERAL OFFICE, Beaumont, Tex.

North Texas Land and Timber Co. RR. Owned by C. S. Woodworth & Co. and Bivins, Venable & Co.; 11½ miles; gauge, 3 ft.; rail (iron), 35 lbs.; locomotives, 2; cars, 27; located in Cass Co., Tex. C. S. Woodworth, *Pres.;* J. K. Bivins, *Vice-Pres.;* E. W. Blythe, *Sec. & Treas.* P. O. address, Wayne, Tex.

Olive, Sternenberg & Co.'s RR. Line of road, 6½ miles; gauge, 3 ft.; rail (iron), 52 lbs.; locomotive, 1; horses, 35; cars, 17; located in Hardin Co., Tex. P. O. address, Olive, Tex.

Rice, J. S. & W. M. Owners of 4½ miles of railroad; gauge, 3 ft.; rail (iron), 50 lbs.; locomotive, 1; cars, 6; located in Tyler Co., Tex. P. O. address, Hyatt, Tex.

Sawyer & Son. Owners of 2½ miles of railroad; gauge, 3 ft.; locomotive, 1; cars, 4. Located in Polk Co., Tex. P. O. address, Livingston, Tex.

Seven Oaks Timber Road. Owned by C. N. Fisher & Co.; 6 miles; gauge, 3 ft.; locomotive, 1; cars, 3; located in Seven Oaks, Tex. P. O. address, Seven Oaks, Tex.

Smith, H. R. (Estate). Owner of 3 miles of railroad; gauge, 3 ft.; locomotive, 1; cars, 3; located in Upshur Co., Tex. P. O. address, Bettle, Tex.

Sulphur Lumber Co. Narrow Gauge RR. Owned by Sulphur Lumber Co.; 7½ miles; gauge, 3 ft.; rail (steel), 35 lbs.; locomotives, 2; cars, 15. P. O. address, Sulphur Station, Tex.

Texas Tram and Lumber Co. Line of road, 24 miles; gauge, 3 ft.; rail, 35 and 56 lbs.; locomotives, 5; cars, 70. Located in Hardin, Jasper, and Jefferson Co's., Texas. Capital stock (paid up), $355,000. W. A. Fletcher, *Pres.;* J. F. Keith, *Vice-Pres.;* S. A. Long, *Treas.;* S. F. Carter, *Sec. & Man.* P. O. address, Beaumont, Tex.

Thompson and Tucker Lumber Co. (Incorporated). Owner of 6 miles of railroad; gauge, 3 ft.; rail (steel), 32 lbs.; locomotive, 1; cars, 12. Located in Trinity Co., Tex. J. M. Thompson, *Pres.;* J. E. Tucker, *Sec.;* B. F. Thompson, *Vice-Pres.;* J. A. Thompson, *Treas.* P. O. address, Trinity, Tex.

Warren Lumber Co. Owner of 8 miles of railroad; gauge, 3 ft.; rail (iron), 56 and 35 lbs.; locomotives, 2; cars, 28. Cost of road, etc., $30,000. Located in Tyler Co., Tex. P. O. address, Warren, Tex.

STATE OF VERMONT.

Bennington and Glastenbury RR. Bennington, Vt., to Glastenbury, Vt., 8.97 miles; sidings, 1 mile; gauge, 4 ft. 8 in.; rail, 40 lbs. per yard. This road was built in 1872 to connect the mills and coal works at Glastenbury with the railroads centering at Bennington. Cost of road, $150,000; cost of rolling stock, $12,000—total, $162,000, representing the investment of the company owning the mills and road. Locomotives, 1; baggage, mail, and express cars, 1. *Directors:* Russell C. Root, Wm. Butler Duncan, Peter W. Ostrander, Albia A. Selover, New York city; Jno. G. McCullough, Henry G. Root, Geo. W. Harman, Bennington, Vt. *Officers:* Russell C. Root, New York city, *Pres.;* Geo. W. Harman, Bennington, Vt., *Sec.;* Amos Aldrich, *Gen. Supt.*, Bennington, Vt. PRINCIPAL OFFICE AND ADDRESS, Bennington, Vt.

STATE OF VIRGINIA.

Hill, R. F. & W. P. Owners of 2½ miles of railroad; gauge, 3 ft.; cars, 4; located in Orange Co., Va. P. O. address, Harbourswille, Va.

Moncour Bros. Owners of 10 miles of railroad; gauge, 3 ft.; trucks, 6; located in King William Co., Va. P. O. address, Ayletts, Va.

Nelius, A. L. Owner of 5 miles of railroad; gauge, 3 ft.; located in Southampton Co., Va. P. O. address, Zuni, Va.

Suffolk Lumber Co.'s RR. Suffolk, Va., to Terminus, 15 miles from Winton, N. C., 27 miles; branches, 12 miles—total, 39 miles; sidings, etc., 3 miles; gauge, 3 ft. 6 in.; rail (steel, 25 miles), 20, 25, and 30 lbs. Chartered March 20, 1873; charter amended, March 15, 1884; road opened in 1874; road owned and operated by E. E. Jackson & Co., of Salisbury, Md. Locomotive engines, 6; cars—passenger, 1; freight, 63. *Operations* for year

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ending December 31, 1889—not reported. Earnings: passenger, $2,175.50; other sources, $3,196.81—total, $5,372.31. Operating expenses, $23,066.03. Deficit, $17,693.72. Earnings from proprietors' freights transported, not included in above statement. *Financial Statement*, September 30, 1883.—Capital stock, $20,000; cost of road and equipment, $74,600. *Directors:* W. H. Jackson, E. E. Jackson, W. F. Jackson. *Officers:* William H. Jackson, *Pres.;* E. E. Jackson, Salisbury, Md., *Sec. & Treas.;* W. M. Whaley, Suffolk, Va., *Gen. Man.* PRINCIPAL OFFICE AND ADDRESS, Salisbury, Md.

WASHINGTON.

Black Lake and Sherman Valley RR. Owned by B. B. Turner; 3½ miles; gauge, 4 ft. 9 in.; rail (iron), 56 lbs.; locomotive, 1; cars, 3; located in Thurston Co., Wash. P. O. address, Olympia, Wash.

Blanchard, D. Owner of 5 miles of railroad; gauge, 4 ft. 9 in.; horses, 8; cars, 12; located in Blanchard, Skagit Co., Wash. P. O. address, Seattle, Wash.

Blanchard RR. 5 miles; gauge, 4 ft. 8 in.; rail (steel), 40 lbs.; cars, 2; located in Skagit Co., Wash. P. O. address, Blanchard, Wash.

Columbia River and Gray's Harbor RR. Owned by Geo. W. Weidler & Julius Ordway; 4 miles; gauge, 3 ft.; locomotive, 1; horses, 10; cars, 20; cost of loan and equipment, $80,000; located in Cowlitz Co., Wash. P. O. address, Portland, Oregon.

Hart, J. F. & Co. Owners of 3 miles of railroad; gauge, 2 ft. 6 in.; cars, 8; located in Pierce Co., Wash. P. O. address, Tacoma, Wash.

Jackson Logging RR. Owned by C. F. Jackson; 1½ miles; gauge, 8 ft. 4 in.; car, 1; located in Skagit Co., Wash. P. O. address, Mt. Vernon, Wash.

Lowell Logging RR. Owned by E. D. Smith; 5 miles; car, 1; located in Snohomish Co., Wash. P. O. address, Lowell, Wash.

Millett & McKay. Owners of 2 miles of railroad; gauge, 7 ft.; cars, 2; located in Skagit Co., Wash. P. O. address, Mt. Vernon, Wash.

Mosquito and Coal Creek RR. Owned by B. F. Brock; 2 miles; gauge, 3 ft.; locomotive, 1; cars, 4; located in Cowlitz Co., Wash. P. O. address, Oak Point, Wash.

Newkshamp's RR. Owned by Harrison Clothier & C. S. English; 1½ miles; gauge, 8 ft.; cars, 2; located in Skagit Co., Wash. P. O. address, Mt. Vernon, Wash.

Olympia and Chehalis Valley RR. Co. Line of road, Tenino, Wash., to Olympia, Wash., 16 miles. Logging spurs, 7 miles; gauge, 3 ft.; rail (steel, 16 miles), 35 lbs. *History.*—Chartered in 1877; road opened in 1878. It is reported that surveys are being made, preparatory to changing the gauge to standard width. *Rolling Stock.*—Locomotive engines, 2. Cars—passenger, 2; baggage, mail and express, 1; freight (box, 3; platform, 3), 6—total cars, 9. Annual meeting held in August, at Olympia, Wash. *Directors* (elected December 14, 1889): Edmund Rice, Isaac W. Anderson, Stuart Rice, Tacoma, Wash.; Jno. F. Gowey, Geo. D. Shannon, Olympia, Wash. *Officers:* Edmund Rice, *Pres.;* Isaac W. Anderson, *Vice-Pres.;* Stuart Rice, *Sec.*, Tacoma, Wash.; Jno. F. Gowey, *Treas.;* A. D. Glover, *Supt.*, Olympia, Wash. PRINCIPAL OFFICE AND ADDRESS, Olympia, Wash.

Olympia and Mt. Ranier RR. Owned by J. C. Ellis; 3 miles; gauge, 8 ft. 1 in.; rail (steel), 54 lbs.; cars, 4; located in Thurston Co., Wash. P. O. address, Olympia, Wash.

Puget Sound and Chehalis Ry. Projected from Olympia, Wash., to Montesano, 49 miles, with branch to mouth of Columbia River, 50 miles. Completed from Elo Inlet, southwestwardly, 6 miles, and grading completed 2 miles farther. Gauge, 4 ft. 8½ in.; rail, 30 and 40 lbs. Chartered August 25, 1888; road built solely for transportation of lumber. Locomotive, 1; cars, 4. Capital stock, $50,000. Cost of road and equipment, $66,362.47. Annual meeting in January. *Directors:* Cyrus Walker, E. G. Ames, Wm. Walker, Port Gamble, Wash. L. P. Onellette, W. S. Elwell, Olympia, Wash. *Officers:* L. P. Onellette, *Pres., & Chief Eng.*, Olympia, Wash.; E. G. Ames, *Vice-Pres.;* E. S. Johnston, *Sec. & Treas.*, Port Gamble, Wash.; W. S. Elwell, *Supt.*, Olympia, Wash. GENERAL OFFICE, Olympia, Wash.

Puget Sound and Gray's Harbor RR. Line of road projected, 46 miles. Owned by Port Blakely Mill Co. Gauge, 4 ft. 8½ in.; rail, 50 lbs.; locomotives, 5; cars—passenger, 3; baggage, 1; freight, 8. Capital stock authorized, $1,000,000; paid in, $850,000; funded debt, $250,000; cost of road, etc., $850,000; located at Mason Co., Wash. *Directors:* W. Renton, J. A. Campbell, T. Powell, Jas. Campbell, T. H. Brooks, Port Blakeley, Wash. *Officers:* Wm. Renton, *Pres.;* J. A. Campbell, *Vice-Pres.;* T. Powell, *Treas.;* Jas. Campbell, *Sec.*, Port Blakely, Wash.; Geo. Simpson, *Supt.*, Kamilchie, Wash. GENERAL OFFICE, Port Blakeley, Wash.

Puget Sound Shore RR. 25 miles; gauge, 4 ft. 8½ in.; rail (steel), 56 lbs.; locomotives, 2; cars 12; located in King's Co., Wash. P. O. address, Seattle, Wash.

Satsop RR. 14 miles; gauge, 4 ft. 8½ in.; rail (steel), 40 lbs.; locomotives, 3; cars, 90; located in Mason Co., Wash. J. R. McDonald, *Pres.*, Seattle, Wash.; A. H. Anderson, *Vice-Pres.*; C. F. White, *Sec. & Gen. Man.*, Shelton, Wash.; A. Mackintosh, *Treas.*, Seattle, Wash. P. O. address, Shelton, Wash.

Stimson, Ulner. Owner of 1½ miles of railroad; gauge, 8 ft.; car, 1; located in Snohomish Co., Wash. P. O. address, Snohomish, Wash.

Sumner Lumber Co. Owner of 5 miles; gauge, 5 ft.; cars, 3; located in Pierce Co., Wash. P. O. address, Sumner, Wash.

Union River Logging RR. 6 miles; gauge, 4 ft. 8½ in.; rail (steel), 45 lbs.; locomotive, 1; cars, 15; located in Mason Co., Wash.; capital stock (paid up), $50,000. William Walker, *Pres.*; E. G. Ames, *Treas.*; E. S. Johnston, *Sec.*, Port Gamble, Wash.; Cyrus Walker, *Supt.*, Port Ludlow, Wash. P. O. address, Port Gamble, Wash.

Washington Mill Co. Owner of 2 miles of railroad; gauge, 9 ft.; car, 1; located in Jefferson Co., Wash. P. O. address, Seabeck, Wash.

STATE OF WEST VIRGINIA.

Arter, W. F., Lewis, W. S., Elliott, Robt. Owners of 15 miles of railroad; gauge, 3 ft.; cars, 10; located in Green Creek, Falling Branch, and Meadow Creek (5 miles each). P. O. address, Hinton, W. Va.

Fewsmith, Crowell S. Owner of 4 miles of railroad; gauge, 3 ft.; locomotive, 1; cars, 4; cost of road and equipment, $5,000; located in Ritchie Co., W. Va. P. O. address, Parkersburg, W. Va.

Laurel Run RR. Owned by Whiting & Denning; 7 miles; gauge, 4 ft. 8 in.; rail (steel), 20 lbs.; locomotive, 1; cars, 10 to 15; located in Pocahontas Co., W. Va. P. O. address, White Sulphur Springs, W. Va.

St. Lawrence Boom and Manufacturing Co. Owners of 6 miles of railroad; gauge, 3 ft. 6 in.; locomotive, 1; cars, 16; located in Pocahontas Co., W. Va. P. O. address, Ronceverte, W. Va.

The Hern Lumber Co. Owners of 4½ miles of railroad; gauge, 3 ft.; horses, 10; cars, 6; other vehicles, 3; located in Putnam Co., W. Va. P. O. address, Scott's Depot, W. Va.

STATE OF WISCONSIN.

Cady Mills RR. Owned by D. C. Davis & Sons; 7¼ miles; gauge, 4 ft. 9 in.; locomotives, 2; D. C. Davis, *Pres.;* S. H. Davis, *Gen. Man.;* A. B. Clark, *Gen. P. &*

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F. A.; located in St. Croix Co., Wis. P. O. address, Cady Mills, Wis.

Chicago, Fairchild and Eau Claire River RR. Fairchild, Wis., to Eau Claire River, Wis., 12; *Branch*: Junction to Mentor, Wis., 4—16 miles; sidings, etc., 2 miles; gauge, 4 ft. 8½ in.; rail, 25 lbs. per yard. Road built in 1884, and operated as a lumber and logging road: locomotives, 4; cars—freight (platform), 35; other, 1. *Operations* for year ending June 30, 1886, not reported; gross earnings, $23,549.45; operating expenses and taxes, $12,519.91; net earnings, $11,074.54. *Financial Statement*, June 10, 1886—Unfunded debt, $28,041.38; income account, $39,613.17—total, $67,654.55. *Contra*: cost of road, $62,286.41; real estate, etc., $2,896.71; materials and supplies, $2,471.43—total, $67,564.55. N. C. Foster, *Owner and Gen. Man.*; G. A. Foster, *Sec.*, Fairchild, Wis. PRINCIPAL OFFICE AND ADDRESS, Fairchild, Wis.

Chippewa River and Menomonie River Ry. Line of road, 18½ miles; gauge, 4 ft. 8½ in. Chartered October 1, 1883; road opened April 1, 1889. Locomotives, 2; cars, 130; tons of freight moved, 175,000. Capital stock, $1,500,000. Located in Chippewa Co., Wis. F. Meyerhauser, *Pres.*, Rock Island, Ill.; S. W. Chinn, *Treas. & Man.*; William Irvine, *Sec.*, Chippewa Falls, Wis.; Newton Mills, *Supt.*, Vernona Junction, Wis. GENERAL OFFICE, Chippewa Falls, Wis.

Crescent Springs RR. Owned by Shell Lake Co.; 8 miles; gauge, 3 ft.; locomotives, 2; cars, 56; located in Washburn Co., Wis. P. O. address, Shell Lake, Wis.

Fairchild and Eau Claire River RR. Owned by N. E. Foster; 22 miles; gauge, 4 ft. 8½ in.; locomotives, 4; cars, 30; located in Eau Claire and Clarke Cos., Wis. W. C. Foster, *Pres. & Gen. Man.*; G. A. Foster, *Sec.*; C. M. Wilson, *Auditor*; C. J. Wickersham, *Pur. Agt.*; Milo Burkhardt, *M. M.*; Andrew Johnson, *Road Master*. P. O. address, Fairchild, Wis.

Manaville and Eau Plaine RR. 3¼ miles; gauge, 4 ft. 9 in.; rail (iron), 56 lbs.; locomotive, 1; cars, 10: tons freight moved, 160,000; cost of road and equipment, $18,000; balance on hand, surplus, $3,000; located in Marathon Co., Wis. Charles V. McMillan, *Pres.*, McMillan, Wis. P. O. address, McMillan, Wis.

Pineville and Prairie Farm RR. 9 miles; gauge, 4 ft., 8½ in.; locomotives, 2; cars, 9; miles run 11,700; located in Polk Co., Wis. P. B. Lacy, *Pres.*; Chas. Lacy, *Vice-Pres.*, Minneapolis, Minn.; Fred. Lacy, *Treas.*, Pineville, Wis.; Edward Lacy, *Sec.*, Minneapolis, Minn. P. O. address, Pineville, Wis.

South Range Narrow Gauge RR. Owned by Neuers & Staples; 2 miles; gauge, 3 ft.; cars, 10; located in Douglas Co., Wis. P. O. address, South Range, Wis.

Upham Manufacturing Co. Owner of 16 miles of railroad; gauge, 4 ft. 8 in.; locomotive, 1; cars, 15; located in Wood, Marathon and Clark Cos., Wis. W. H. Upham, *Pres.*; F. W. Upham, *Vice-Pres.*; F. R. Upham, *Treas.*; M. H. Wheeler, *Sec.* P. O. address, Marshfield, Wis.

Wildwood Logging Branch RR. Owned by St. Croix Land and Lumber Co.; 8 miles; gauge, 4 ft. 9 in.; rail (iron), 35 lbs.; locomotives, 2; cars, 23; located in St. Croix Co., Wis. H. D. Hyde, *Pres.*; R. Clouston, *Sec.*, Wildwood, Wis.; E. S. Austin, *Gen. Man.* P. O. address, Wildwood, Wis.

Wolf and Wisconsin Rivers RR. Post Lake to Lake Pratt, 16 miles; rail (steel), 35 lbs.; locomotives, 2; cars, 35; located in Lincoln and Forest Cos. Geo. W. Pratt, *Pres. & Treas.*; F. E. Worden, *Sec.*, Oshkosh, Wis.

Wood County RR. Owned by Henry Sherry & Co., and Sherry Lumber Co.; 18 miles; gauge, 4 ft. 8½ in.; rail (iron, steel), 35 lbs.; locomotives, 3; cars, 40; located in Wood Co., Wis. Henry Sherry, *Pres.*, Neenah, Wis.; G. W. Gerry, *Vice-Pres.*, Appleton, Wis.; I. W. Cameron, *Treas. & Sec.*, Vesper, Wis. P. O. address, Vesper, Wis.

THE AGE OF STEEL.

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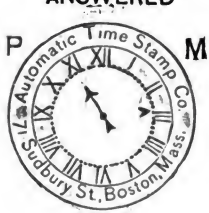

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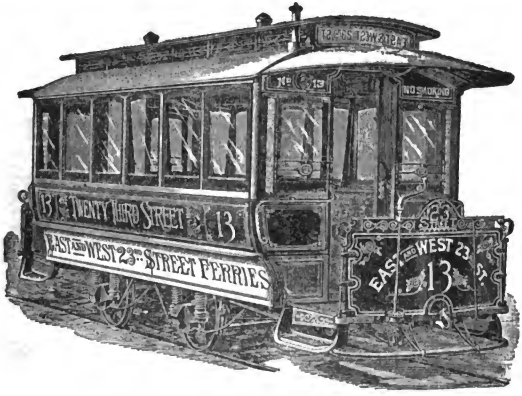

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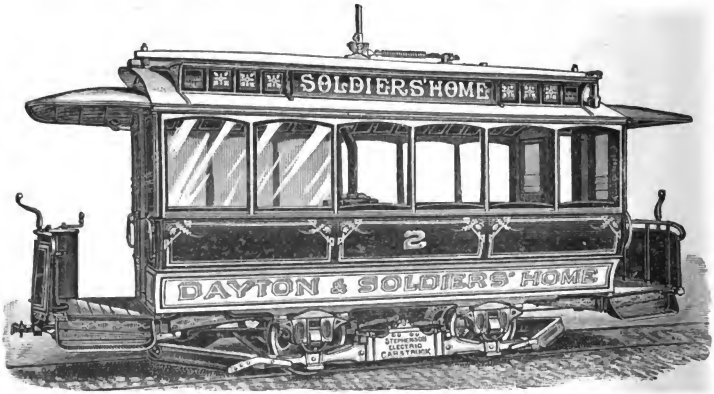

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List of Street Railroads (Tramways) in the United States and Canada, with Names of Officers and Directors, Mileage, Equipment, etc.

STATE OF ALABAMA.

Anniston Street Ry. Co. Main line, 6.5 miles; rail, 30 and 35 lbs.; gauge, 4 ft. 8½ in.; cars, 9; mules, 40. John W. Bigby, *Pres.;* Ogden E. Edwards, *Sec. & Treas.;* S. L. Nicion, *Gen. Supt.* General Office, Anniston, Ala.

Anniston, Oxford and Oxanna Street Ry. Co. Main line, 3.25 miles; gauge, 4 ft. 8½ in.; rail, 20 lbs.; owns 4 cars, 5 horses and 13 mules. *Directors:* J. B. Allen, W. S. Larned, F. E. Galbreath, R. W. Russell, Oxanna, Ala.; T. C. Hill, S. C. Kelly, J. S. Kelly, Oxford, Ala. *Officers:* T. C. Hill, *Pres.;* J. Baxter Allen, *Supt. & Pur. Agt.;* Samuel Larned, *Sec. & Treas.* General Office, Oxanna, Ala.

Bessemer and Birmingham RR. Co. Main line, 15.56 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs. Chartered and opened in 1887. It is proposed to consolidate with the Birmingham Union Ry. Co., the Ensley Ry. Co. and the Birmingham Electric Co. Equipment owned—passenger, 15; freight, 3; dummy engines, 5. Capital stock, $250,000. Funded debt, $300,000. R. H. Pearson, *Pres.;* E. F. Hofford, *Sec.;* J. B. McClary, *Supt.* General Office, Birmingham, Ala.

Bessemer Dummy Line Co. Main line, 14.50 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; owns 18 cars and 5 steam motors. W. P. Pinchard, *Pres.;* Morris Adler, *Sec. & Treas.;* B. B. Gordon, *Supt.* General Office, Bessemer, Ala.

Birmingham and Forest City Dummy Street RR. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 38 lbs.; dummy engines, 2; cars, 2. E. Eastman, *Pres. & Gen. Man.* General Office, Birmingham, Ala.

Birmingham Union Ry. Co. Main line, 15 miles of horse car line and 7 miles of steam motor line; gauge, 4 ft. 8½ in.; rail, 20 and 40 lbs.; mules, 140; dummies, 5; cars, 12. T. C. Thompson, *Pres.;* L. R. Hoover, *Sec. & Treas.;* W. L. Timberlake, *Supt.* General Office, 207 Twentieth St., Birmingham, Ala.

Decatur Street Ry. Co. Main line, 2.5 miles; gauge, 4 ft. 8 in.; rail, 20 lbs.; owns 15 mules and 3 cars. W. G. Wharton, *Pres.;* S. D. Wharton, *Sec. & Supt.* General Office, Decatur, Ala.

East Birmingham Street RR. Co. Main line, 7 miles; branch, 3—total, 10 miles. Chartered December 4, 1886; road opened January 1, 1889; owns 3 dummies, 10 cars, and 1 flat car. *Operations*, year ending December 31, 1889.—Miles run by cars, 30,000; passengers carried, 500,000. Earnings—passenger, $24,690.30; other, $672.90—total, $25,363.20. Expenses not reported. Paid interest on bonds, $4,000. Capital stock, $1,022,800; funded debt, $50,000 10-20 year 8 per cent. bonds, due August 1, 1908, interest payable February and August; unfunded debt, $30,000—total liabilities, $1,072,800. *Contra:* Cost of road, $125,000; land owned, $1,080,300. Interest payable at Baltimore, Md. Edward T. Martin, *Pres.;* Paul Barnett, *Sec.;* R. M. Mulford, *Treas.;* J. H. Heineke, *Supt.* General Office, Birmingham, Ala.

East Lake Land Co. Main line, 7 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; cars, 12; dummy engines, 5. Chartered August 1, 1886; road opened in May, 1887. Operations not reported. Passenger traffic averages 5,000 passengers per day. Robert Jemison, *Pres.;* J. A. Stratton, *Sec. & Treas.;* W. L. Timberlake, *Supt.* General Office, Birmingham, Ala.

Ensley Ry. Co. Main line, 7½ miles; branches, 2½ miles—total length of line owned, 10 miles; owns 3 steam motors and 12 cars; gauge, 4 ft. 8½ in.; rail (steel), 40 lbs. Earnings from passengers from commencement (October 13, 1887) to November 30, 1889, $109,000. Earnings for fiscal year, $63,000. Net earnings, $9,334. *Directors:* Wm. A. Walker, Jr., T. T. Hillman, J. B. McClary, Birmingham, Ala.; E. Ensley, Memphis, Tenn.; L. W. Johns, Bessemer, Ala. *Officers:* Wm. A. Walker, Jr., *Pres.;* T. T. Hillman, *Vice-Pres.;* J. B. McClary, *Sec., Treas. & Supt.*, Birmingham, Ala. General Office, Birmingham, Ala.

Gadsden Land and Improvement Co. Main line, 7.25 miles of dummy road (of which 2.5 miles are owned and 5 miles are leased); gauge, 4 ft. 8½ in.; rail (steel), 35 lbs.; owns 2 dummy engines, and 2 cars. Organized in January, 1887; chartered March, 1887; road opened October 21, 1888. Road sold to J. M. Elliott, Jr., and others in the early part of 1890, for $21,000. Capital stock, $3,000,000. Passengers carried in 1889 averaged 275 daily. Earnings for year ending November 1, 1889, $7,197.47; expenses, taxes and lease, $4,644.19; net earnings, $2,553.26. Cost of road and equipment, $14,750.89; other assets, $27,037—total, $441,787.95. J. L. Farmer, *Pres.;* M. L. Foster, *Sec., Treas. & Supt.* General Office, Gadsden, Ala.

Highland Avenue and Belt RR. Co. Main line, 26 miles; gauge, 4 ft. 8½ in.; rail, 56 lbs.; engines, 8; cars, 38. Chartered 1887. Passengers carried, 1,500,000; passenger earnings, $45,259.38. Capital stock, $1,000,000. H. M. Caldwell, *Pres.;* W. J. Milner, *Sec. & Gen. Man.;* John London, *Treas.;* J. M. Lewis, *Supt.* General Office, Birmingham, Ala.

Mobile Street Ry. Co. Main line owned, 30.50 miles; sidings, 2 miles; gauge, 5 ft. 2½ in.; rail, 35 to 60 lbs. Chartered June, 1887. Equipment—mules, 256; cars, 71. Gross earnings, year ending June 30, 1889, $99,250.18; operating expenses, $68,139.24. Net earnings, $31,110.94, from which was paid interest on bonds, $29,370.06, and other interest, $964.27, leaving surplus, $776.67. *Financial Statement*, June 30, 1889—Capital stock, $500,000; funded debt, $500,000; 1st mortgage 6 per cent. 40-year bonds, due 1927, interest payable semi-annually, Jan. and July, at New York and Mobile; unfunded debt (including interest due July 1, 1889), $67,-894.05; income balance, $1,662.36—total liabilities, $1,069,466.41. *Contra:* Cost of road and equipment, $1,069,466.41. Wm. M. Duncan, *Pres.*, Nashville, Tenn.; Gaylord B. Clark, *Vice-Pres.;* R. K. Warren, *Sec., Treas. & Man.*, Mobile, Ala. General Office, Mobile, Ala.

Montgomery Terminal and Street Ry. Co. Main line, 9½ miles; gauge, 4 ft.; rail, 30 and 42 lbs.; cars, 14; mules, 85. Ignatius Pollack, *Pres.;* John D. Roquesnove, *Vice-Pres.;* R. A. Mitchell, *Sec. & Supt.* General Office, 136 Commerce St., Montgomery, Ala.

North Birmingham Street RR. Co. Main line of road, 4 miles; 2d track, 1½ miles; sidings, ½ mile; gauge, 4 ft. 8½ in.; rail, 36 lbs. Chartered December 7, 1886; road opened, April 10, 1887. Dummy engines, 4; cars, 8. Cars run, year ending February 28, 1890, 90,000 miles; passengers carried, 458,335; earnings, $22,352.50; expenses, $18,071.63; net earnings, $4,280.-87. Capital stock, $65,000. Cost of road and equipment, $70,000. Jas. H. Dooley, *Pres.*, Richmond, Va.; Randolph Peyton, *Gen. Man., Treas. & Sec.*, Birmingham, Ala. General Office, Birmingham, Ala.

Selma Dummy and Horse Car Line. Main line, 7 miles; sidings, ½ mile; gauge, 4 ft. 9 in.; rail, 20 and 35 lbs.; horses, 7; dummy engines, 7; cars, 12. Chartered December 3, 1866. Capital stock, $25,000; funded debt, $25,000. H. L. McKee, *Pres. & Treas.;* B. J. Shuster, *Sec.* General Office, Selma, Ala.

Selma Land Improvement and Furnace Co. operates 4.5 miles of electric street railway; owns 40 horses and mules and 8 cars. Jas. H. Fitts, *Pres.;* Samuel F. Alston, *Sec., Treas., & Gen. Man.* General Office, Selma, Ala.

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Selma Street RR. and Dummy Line. Main line, 5 miles; gauge, 4 ft. 9 in.; rail, 25 to 35 lbs.; motors, 3; cars, 10; mules, 7. H. L. McKee, *Pres.;* B. J. Shuster, *Sec.;* J. H. Holley, *Treas.;* W. W. Pierce, *Supt. Car Rep.* GENERAL OFFICE, Selma, Ala.

Sheffield and Tuscumbia Street RR. Co. Main line, 6 miles; steam motors, 2; cars, 5. F. D. McMillan, *Pres.;* E. B. Allman, *Sec.* GENERAL OFFICE, Tuscumbia, Ala.

Sheffield Street Ry. Co. Main line, 4.25 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; cars, 5; dummy engines, 2. Capital stock, $50,000. H. B. Tompkins, *Pres.;* C. D. Woodson, *Treas.;* S. B. McTyer, *Sec.;* W. S. White, *Supt.* GENERAL OFFICE, Sheffield, Ala.

South Calera Street Ry. Co. Main line, 2 miles; gauge, 4 ft. 8½ in.; rail (steel), 40 lbs.; dummy engine, 1. Capital stock, $150,000. Owned by the South Calera Land and Improvement Co. GENERAL OFFICE, Calera, Ala.

Tuscaloosa and Lake Lorraine Street Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail (steel), 25 lbs.; cars, 8; horses, 40. Capital stock, $350,000. Jas. H. Fitts, *Pres.;* S. F. Alston, *Gen. Man., Sec. & Treas.* GENERAL OFFICE, Tuscaloosa, Ala.

Tuscaloosa Belt Ry. Co. Main line, 6.5 miles; gauge, 4 ft. 8½ in.; rail (steel), 25 lbs.; cars, 2; steam motor, 1. W. C. Jamison, *Pres.;* B. Friedman, *Vice-Pres.;* Geo. P. Ayres, *Sec.;* Geo. A. Searcy, *Treas.* GENERAL OFFICE, Tuscaloosa, Ala.

Union Springs Street Car Co. Main line, 2 miles; gauge, 5 ft. 1 in.; rail, 25 lbs.; owns 4 cars for freight and 1 or 2 for passengers, and 4 mules. Capital stock, $10,000. Wm. Stakeley, *Pres.;* T. H. Mabson, Jr., *Sec. & Treas.;* A. D. Fielder, *Supt.* GENERAL OFFICE, Union Springs, Ala.

Western Valley Street RR. Co. Main line, 4 miles; rail, 24 lbs.; cars, 6; mules, 20. J. C. Westbrook, *Pres.;* W. H. Naff, *Sec.;* S. Torrey, *Gen. Man.* GENERAL OFFICE, Birmingham, Ala.

TERRITORY OF ARIZONA.

Phœnix Street Ry. Co. Main line, 2.25 miles; gauge, 3 ft. 6 in.; rail, 20 lbs.; owns 2 cars, 3 horses and 2 mules. M. H. Sherman, *Pres. & Supt.;* J. McMillan, *Sec.* GENERAL OFFICE, Phœnix, Ariz. Ter.

STATE OF ARKANSAS.

Capital Street Ry. Co. Main line, 17 miles; gauge, 4 ft. 10 in.; rail, 36, 48 and 50 lbs.; owns 2 horses, 308 mules, 42 cars and 5 other vehicles. This company succeeded, by purchase, April 1, 1890, the Little Rock St. RR. Co. *Operations* for the latter company for year ending March 31, 1890.—Passengers carried, 2,347,463. Earnings—passenger, $87,364.90; other sources, $1,237.16—total, $88,602.06. Expenses and taxes, $52,755.88. Net earnings, $35,847.18, which was paid for dividend (10 per cent.). Capital stock, $300,000; funded debt, $300,000 6 per cent. 15-year $1,000 bonds, dated April 1, 1890, interest payable April and October (redeemable at option of company after ten years). *Contra:* Cost of road and equipment, $600,000. Dividends paid semi-annually at Little Rock, Ark. Interest payable at St. Louis Trust Co., St. Louis, Mo. H. G. Allis, *Pres.;* Geo. B. Rose, *Vice-Pres.;* H. P. Bradford, *Sec., Treas. & Supt.* GENERAL OFFICE, Little Rock, Ark.

Citizens' Street Ry. Co. Main line, 3.25 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; mules, 75; cars, 14; carts, 2. Chartered Feb. 4, 1885; road opened Nov. 12, 1886. Charter is for 90 years and covers all streets and alleys that become a part of the town. *Operations* in 1888.—Passengers carried, 230,758; gross earnings, $11,537.90; expenses, $4,037.90; net earnings, $7,500. Capital stock, $30,000; cost of road and equipment, $30,000. On Dec. 31, 1888, the company had an outstanding debt (note) of $10,000, secured by $20,000 bonds, deposited as collateral, and payable March 15, 1889. The company pays monthly dividends, rate per cent. not stated. John M. Taylor, *Pres.;* H. P. Bradford, *Vice-Pres. & Gen. Supt.;* H. H. Hunn, *Treas.;* John O'Connell, *Sec.* GENERAL OFFICE, Pine Bluff, Ark.

Citizens' Street Ry. Co. Main line, 2.25 miles; gauge, 4 ft. 8½ in.; rail, 20 to 40 lbs.; cars, 7; horses, 14. B. B. Waddell, *Pres.;* D. T. Hargreaves, *Sec.;* Sidney H. Horton, *Treas.* GENERAL OFFICE, Helena, Ark.

City Electric Street Ry. Co. Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; steam motors, 2; cars, 14. Howard Adams, *Pres.;* W. W. Benjamin, *Sec.;* John B. Jones, *Treas.;* F. J. H. Ricker, *Supt.* GENERAL OFFICE, Little Rock, Ark.

Fort Smith Street RR. Co. Main line, 11 miles; gauge, 3 ft. 6 in.; rail, 38 and 45 lbs.; mules, 80; horses, 3; cars, 22. Chartered Aug. 2, 1881; opened Aug. 2, 1883; average rate of fare, 5 cents. Capital stock, $150,000; cost of road, $86,000. Samuel McLeod, *Pres.;* Benj. T. Duvall, *Vice-Pres.;* Geo. T. Sparks, *Sec. & Pur. Agt.;* W. A. Ewens, *Supt.* GENERAL OFFICE, Third and Walnut Sts., Fort Smith, Ark.

Helena Street Ry. Co. Main line, 2 miles; gauge, 4 ft. 8½ in.; rail, 20 and 40 lbs.; cars, 7; mules, 14. B. B. Waddell, *Pres.;* S. H. Horton, *Treas.;* T. G. Hargreaves, *Sec.;* Paul Waddell, *Supt.* GENERAL OFFICE, Helena, Ark.

Hot Springs Street RR. Main line, 7.90 miles; gauge, 4 ft. 8½ in.; rail, 25 and 36 lbs.; owns 86 mules, 2 horses, 19 cars; other vehicles, 4. Dividends payable semi-annually, April, and Oct., at company's office. Interest payable at St. Louis, Mo. This line will be extended to Quapaw Reserve and Grand Avennes, and Pleasant Street—the extended portion to be run by electricity. S. W. Fordyce, *Pres. & Treas.;* J. B. Fordyce, *Sec.;* C. G. Convers, *Man. & Pur. Agt.* GENERAL OFFICE, 615 Park Avenue, Hot Springs, Ark.

Searcy and West Point RR. Co. Main line, 7 miles; sidings, 2 miles; gauge, 4 ft. 8½ in.; rail, 20 lbs.; owns 1 engine, 1 mule, 1 passenger and 4 freight cars. Chartered July 3, 1882. Capital stock, $75,000. Cost of road, $80,000. Jas. E. Skillen, *Pres.;* E. A. Robbins, *Vice-Pres.;* W. H. Lightle, *Supt.;* W. S. Lay, *Sec.;* Jasper Hicks, *Treas.* GENERAL OFFICE, Searcey, Ark.

Texarkana Street Ry. Co. Main line, 1 mile; gauge, 4 ft.; rail, 30 lbs.; mules, 50; cars, 8. J. Dutchman, *Pres.;* F. W. Offenhauser, *Sec.;* G. W. Fouke, *Supt.* GENERAL OFFICE, Texarkana, Ark.

Wiley Jones Street Car Line. Main line, 5 miles; owns 10 cars, 12 horses and 42 mules. Wiley Jones, *Pres.;* James Jones, *Sec.;* J. N. Bocage, *Sec.;* Matthew Jones, *Supt.* GENERAL OFFICE, Pine Bluff, Ark.

STATE OF CALIFORNIA.

Alameda, Oakland and Piedmont RR. Co. Main line, 4 miles; gauge, 3 ft.; rail, 16 and 20 lbs.; horses, 25; cars, 12; other vehicles, 2. Chartered Oct. 4, 1870; opened July 1, 1875. *Directors:* Theodore Meetz, Louis Fasking, Alameda, Cal.; Wm. Schmidt, Fruitvale, Cal. *Officers:* Theodore Meetz, *Pres. & Pur. Agt.;* Louis Fasking, *Vice-Pres.*, Alameda, Cal.; Rudolph Mohr, *Sec.;* Walter Blair, *Treas.*, San Francisco, Cal.; Louis Koenig, *Mast. Car & Tr. Rep.*, Alameda, Cal. PRINCIPAL OFFICE, Alameda, Cal.

Alhambra and Pasadena Street Ry. Co. Main line, 3 miles; gauge, 3 ft. 6 in.; rail, 16 lbs.; owns 3 cars, 4 horses and 4 mules. Chartered June 6, 1887; road opened March, 1888. Capital stock, $12,000. A. C. Weeks, *Pres.;* A. E. Pomeroy, *Vice-Pres.;* F. J. Story, *Treas.;* C. T. Adams, *Sec.;* Sam. Drake, *Gen. Supt.* GENERAL OFFICE, Alhambra, Cal.

Anaheim Street Ry. Co. Main line, 1.5 miles; owns 2 cars and 4 horses. Theo. Rinepau, *Pres.;* R. Melrose, *Sec. & Supt.;* P. James, *Treas.* GENERAL OFFICE, Anaheim, Cal.

Broadway, Berkeley and Piedmont Street RR. Co. Main line, 6 miles; gauge, 5 ft.; rail, 40 lbs.; horses, 100; cars, 24. W. B. Morse, *Pres.;* S. Howe, *Sec.;* M. Howe, *Treas. & Supt.* GENERAL OFFICE, 522 Fourteenth Street, Oakland, Cal.

Brooklyn and Fruitvale RR. Co. Main line, 2.25 miles; cars, 5; horses, 19; average rate of fare, 5 cents. Cost of road, $30,000. E. C. Sessions, *Pres.;* L. A. Mitchell, *Sec.;* Jos. Hunt, *Supt.* GENERAL OFFICE, 1106 Broadway, Oakland, Cal.

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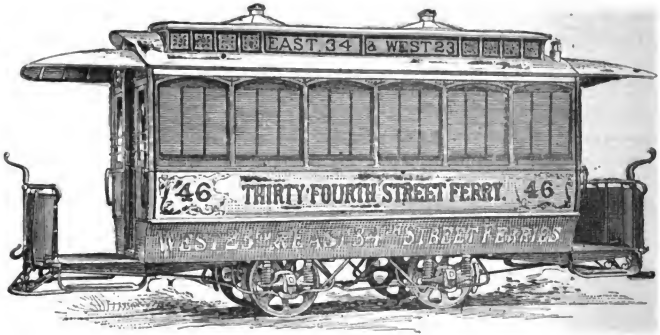

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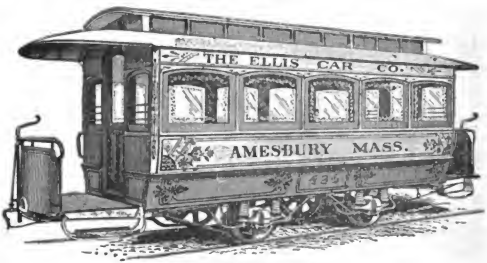

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California Street (Cable) Ry. Co. Main line, 7 miles; gauge, 3 ft. 6 in.; rail (steel), 34 lbs.; owns 25 cars and 25 dummies and 4 horses. *Directors:* A. Borel, J. C. Coleman, Chas. Mayne, W. Randall, J. B. Stetson. *Officers:* J. B. Stetson, *Pres.;* Antoine Borel, *Vice-Pres.;* Albert Stetson, *Sec.;* A. Borel & Co., *Treas.;* James Harris, *Supt., etc.* GENERAL OFFICE, 1435 California St., San Francisco, Cal.

Central RR. Co. Main line, 6 miles, double track; gauge, 5 ft.; rail, 45 lbs.; horses, 234; cars, 57. Incorporated July 3, 1862; road opened in September, 1863. C. F. Crocker, *Pres.;* T. Hopkins, *Vice-Pres.;* J. L. Willcutt, *Sec. & Gen. Man.;* N. T. Smith, *Treas.;* J. F. Clark, *Supt.;* R. Stevenson, *Purch. Agt.* GENERAL OFFICE, Fourth and Townsend Sts., San Francisco, Cal.

Central and Boyle Heights RR. Co. Main line, 6.5 miles of road; gauge, 3 ft. 6 in.; owns 26 cars and 110 horses. E. F. Spence, *Pres.;* F. Harkness, *Sec.;* J. F. Crank, *Gen. Man.;* W. Haws, *Supt.* GENERAL OFFICE, Los Angeles, Cal.

City RR. Co. Main line, 5.5 miles, double track; gauge, 5 ft.; rail, 45 lbs.; horses, 266; cars, 67. Incorporated May 16, 1863; road opened in July, 1869. C. F. Crocker, *Pres.;* Timothy Hopkins, *Vice-Pres.;* J. L. Willcutt, *Sec. & Gen. Man.;* N. T. Smith, *Treas.;* N. J. Bailey, *Supt.* GENERAL OFFICE, Fourteenth and Mission Sts., San Francisco, Cal.

City Ry. Co. Main line, 2.75 miles; sidings, 0.75 mile. Chartered January 8, 1886; road opened in April, 1886; owns 27 horses and 10 cars. L. A. Grant, *Pres.;* Farmers' Exchange Bank, *Treas.;* S. F. Zombeo, *Sec.;* H. L. Drew, *Supt.* GENERAL OFFICE, San Bernardino, Cal.

City Ry. Co. Main line, 3 miles; branches, 2.25 miles—total, 5.25 miles; sidings, 3 miles; gauge, 3 ft. 8½ in.; rail, 15, 20 and 30 lbs.; horses, 2; mules, 20; dummy engine, 1; cars, 5. C. W. Buchanan, *Pres.;* A. J. Painter, *Treas. & Supt.;* M. D. Painter, *Sec.* GENERAL OFFICE, Pasadena, Cal.

Colorado Street RR. Co. Main line, 3 miles; gauge, 3 ft. 6 in.; rail, 16 lbs.; horses, 13; cars, 5. G. E. Meharry, *Pres. & Supt.;* G. Foster, *Vice-Pres.;* E. E. Fordham, *Sec.;* San Gabriel Valley Bank, *Treas.* GENERAL OFFICE, Pasadena, Cal.

Colton and San Bernardino Ry. Main line, 3.5 miles; gauge, 4 ft. 8½ in.; rail, 15 lbs.; 2 cars, 6 horses. Chartered May 21, 1888; road opened July 1, 1888. Passengers carried during the 6 months ending Dec. 31, 1888, 18,000. Gross earnings (6 months), $1,440; expenses, $1,020; net earnings, $420; cost of road and equipment, $15,000. W. A. Boren, J. V. Suman, J. C. Ralphs, *Proprietors;* H. Dustin, *Lessee.* OFFICE, Colton, Cal.

Coronado RR. Co. Main line, Ferry Landing, Coronado Beach, to Fifth St., San Diego, *via* Coronado Heights, South San Diego, Chule Vista, and National City, 21.5 miles, with branch from Ferry Landing to Hotel Coronado, 1.75 miles—total, 23.25 miles. Branch line built in 1887; main line in 1888. Gauge, 4 ft. 8½ in.; rail, 30 and 45 lbs. Locomotives, 9. Cars—passenger, 15; freight, 20. Capital stock, $500,000. Cost of road, etc., $400,000. Built in the interest of the Coronado Beach Co. *Directors:* E. S. Babcock, Jr., J. D. Spreckels, E. S. Babcock, Sr., Giles Kellogg, H. W. Mallett, San Diego, Cal. *Officers:* E. S. Babcock, Jr., *Pres.;* Giles Kellogg, *Treas. & Sec.;* J. Fitzgerald, *Supt.* GENERAL OFFICE, Coronado Beach, Cal.

Depot Ry. Co. of Los Angeles. Main line, 3 miles; gauge, 3 ft. 6 in.; rail, 40 lbs.; cars, 12; horses and mules, 74. J. M. Davies, *Pres.;* J. F. Davies, *Treas. & Gen. Man.* GENERAL OFFICE, Los Angeles, Cal.

Electric Rapid Transit Street Car Co. Main line, 4.25 miles; gauge, 4 ft. 8½ in.; rail, 20 and 25 lbs.; cars, 8; other vehicles, 4. Chartered, March 1, 1887; road opened January 1, 1888. Geo. D. Copeland, *Pres. & Supt.;* John C. Chalmers, *Sec.;* Consolidated National Bank, *Treas.* GENERAL OFFICE, San Diego, Cal.

Eureka Street RR. Co. Main line, 3 miles; gauge, 4 ft. 8½; rail, 34 lbs. Chartered October 14, 1887; road opened August 21, 1888; 25 horses, 6 cars. Capital stock paid in, $50,000; cost of road and equipment, $20,000; all other assets, $30,000. R. M. Fernald, *Pres.;* S. T. Everett, *Vice-Pres.;* E. A. Deming, *Treas.;* B. B. Deming, *Sec.;* J. Sowash, *Supt.* GENERAL OFFICE, Eureka, Humboldt Co., Cal.

Ferries and Cliff House Ry. Main line, 10 miles; gauge, 3 ft.; rail, 45 lbs; cars, 14. Capital stock, $2,500,000. W. J. Adams, *Pres.;* W. H. Martin, *Vice-Pres. & Treas.;* Geo. H. Waggoner, *Sec.* GENERAL OFFICE, San Francisco, Cal.

First Street and San Pedro Street RR. Co. Frank C. Bethel, *Pres. & Supt.* GENERAL OFFICE, San José, Cal.

First Street and Willow Glen RR. Co. Main line, 7.5 miles; gauge, 3 ft.; rail, 20 lbs.; owns 30 horses and 9 cars. J. Rich, *Pres. and Sole Owner;* E. M. Rosenthal, *Sec.* GENERAL OFFICE, 20 West Santa Clara St., San José, Cal.

Fourteenth Street RR. Co. Main line, 6.40 miles; second track, 1.20 miles; gauge, 5 ft.; rail, 25 and 40 lbs.; owns 65 horses, 12 cars and 2 other vehicles. Capital stock, $100,000. Dividends payable at Oakland, Cal. *Directors:* Montgomery Howe, Samuel Howe, Ira Bishop, W. B. Morse and W. W. Britton. *Officers:* Montgomery Howe, *Pres.,* San Francisco, Cal.; W. B. Morse, *Treas. & Supt.,* Oakland, Cal.; W. W. Britton, *Sec.,* San Francisco, Cal.; C. G. Wilson, *Pur. Agt.;* J. S. Anderson, *Supt. Car Repairs.* GENERAL OFFICE, 522 14th St., Oakland, Cal.

Fresno RR. Co. Main line, 3 miles; owns 6 cars and 8 horses; gauge, 4 ft. 8½ in.; rail, 20 lbs. *Operations* from April 1, 1889, to Jan. 1, 1890.—Earnings, $2,605.20; expenses and taxes, $3,286.16. Capital stock, $200,000. Cost of road, $24,000. L. Leach, *Pres.;* T. E. Hughes, *Vice-Pres.;* N. I. Baldwin, *Sec. & Supt.;* L. Einstein, *Treas.* GENERAL OFFICE, Fresno, Cal.

Fresno City, Belmont and Yosemite RR. Co. Main line, projected from Fresno City to Eggers, 7 miles, with branch from Fresno City to Dry Creek, 4 miles; completed from Fresno City to Belmont, 2 miles; gauge, 4 ft. 8½ in.; rail (steel), 20 lbs.; cars, 3; horses, 10. Chartered in October, 1887. Capital stock authorized, $500,000; paid in, $18,000; cost of road and equipment, $20,000. *Directors:* E. C. Winchell, J. H. Brown, A. M. Drew, T. C. White, H. P. Hedges, C. Chrisholm, and J. P. Vincent, Fresno City, Cal. *Officers:* E. C. Winchell, *Pres.;* C. G. Sayle, *Vice-Pres.;* A. M. Drew, *Sec.;* O. J. Woodward, *Treas.;* I. Tielman, *Chief Engr.* GENERAL OFFICE, Fresno City, Cal.

Geary Street Park and Ocean (Cable) RR. Co. Main line, 4 miles (double track). Incorporated Nov. 8, 1878; road opened August 23, 1879. Owns 30 cable cars, 26 cable dummies, 4 motors, and 10 cars for steam motor road. C. F. Crocker, *Pres.;* Adam Grant, *Vice-Pres.;* J. L. Willcutt, *Sec. & Gen. Man.;* N. T. Smith, *Treas.;* W. H. Emery, *Supt.;* R. Stevenson, *Pur. Agt.* GENERAL OFFICE, Fourth and Townsend Sts., San Francisco, Cal.

Highland RR. Co. Main line, 5 miles; horses, 21; cars, 6. G. A. Swartwout, *Pres.;* J. B. Young, *Sec.;* F. D. Swartwout, *Supt.* GENERAL OFFICE, Pasadena, Cal.

Lake Shore Electric Railway. Main line, 30 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; cars, 12. D. G. Dexter, *Pres.;* Howard L. Conrad, *Sec.* GENERAL OFFICE, Elsinore, Cal.

Los Angeles Cable Railway Co. Main line, 47.75 miles, including 20 miles of cable road. Road opened June 9, 1889. Gauge, 3 ft. 6 in. and 4 ft. 8 in.; rail, 16 and 40 lbs. Company owns 316 horses, 185 mules and 125 cars. Capital stock, $2,500,000; funded debt, $836,000. C. B. Holmes, *Pres.,* Chicago, Ill.; J. C. Robinson, *Vice-Pres. & Gen. Supt.;* J. J. Akin, *Sec. & Treas.* GENERAL OFFICE, 601 to 609 Grand Ave., Los Angeles, Cal.

The Electric Rapid Transit Co. Main line, 8 miles; gauge, 4 ft. 8 in.; rail, 16 and 40 lbs.; owns 16 cars and 2 Daft motors. Chartered March 3, 1890. Sprague system of electricity. Capital stock, $500,000. Average rate of fare charged, 5 cents. D. McFarland, *Pres.;* W. W. Manspeaker, *Sec. & Treas.;* F. G. Huntig, *Gen. Man.* GENERAL OFFICES, Topeka, Kan., and Los Angeles, Cal.

Los Angeles and Vernon Street Ry. Co. Main line, 5 miles; sidings, 1 mile; gauge, 4 ft. 8½ in.; rail, 20 to 40 lbs.; owns 46 horses, 8 cars and 1 other vehicle. Chartered June, 1887. Number of passengers carried during year ending December 31, 1888, 306,020; earnings, $15,058.35; expenses, $13,978.04; net earnings, $1,080.31. Capital stock, $90,000; unfunded debt, $62,000—total liabilities, $143,000. Cost of road and equip-

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ment, $52,974.37; all other assets, $103,436.33—total assets, $156,410.70. D. G. Stephens, *Pres.;* Chas. E. Day, *Vice-Pres.;* E. F. Kysor, *Treas.;* Frank A. Gibson, *Sec.;* A. B. Stafford, *Supt.* GENERAL OFFICE, Los Angeles, Cal.

Main Street and Agricultural Park RR. Main line, 6.62 miles; gauge, 3 ft. 6 in.; owns 163 horses and 33 cars; also, 3 other vehicles. Chartered November 27, 1874; road opened July 1, 1875. Capital stock, $200,000. Dividends payable on 15th day of March, June, Sept. and Dec. *Directors:* W. J. Broderick, T. W. Hellman, O. W. Childs, W. F. Edgar, C. Dunommun, Thomas E. Rowan, Dalton Wheeler, Los Angeles, Cal. *Officers:* W. J. Broderick, *Pres. & P. A.;* J. W. Hellman, *Vice-Pres.;* A. C. Taylor, *Sec.;* Farmers' and Merchants' Bank, *Treas.;* Wm. Hawks, *Supt. Mast. Tr. Rep., etc.* GENERAL OFFICE, 110 Commercial St., Los Angeles, Cal.

Market Street Cable Ry. Co. Main line, 16.5 miles of double track road, 2 miles single track; rail, 37 lbs.; owns 94 horses, 212 cars and 12 other vehicles. Chartered May 20, 1882; road opened July 4, 1860. Funded debt, $3,000,000 1st mortgage 6 p. c. bonds, dated January 1, 1883, interest payable January and July. *Directors:* Leland Stanford, Chas. F. Crocker, Timothy Hopkins, N. T. Smith, J. L. Willcutt, San Francisco, Cal. *Officers:* Leland Stanford, *Pres.;* Chas. F. Crocker, *Vice-Pres.;* J. L. Willcutt, *Sec. and Gen. Man.;* N. T. Smith, *Treas.;* A. W. Barron, *Supt.;* R. Stevenson, *Pur. Agt.* GENERAL OFFICE, Fourth and Townsend Sts., San Francisco, Cal.

Marysville and Yuba City Street Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; cars, 4; horses, 8. D. E. Knight, *Pres.;* W. T. Ellis, Jr., *Sec.* GENERAL OFFICE, Marysville, Cal.

Mates Street and Santa Fé Avenue Street Car Co. Main line, 3 miles; owns 2 cars and 6 horses. Capital stock, $12,000. Cost of road and equipment, $12,000. S. Northcutt, *Pres.;* H. M. Arms, *Sec., Treas. & Supt.* GENERAL OFFICE, 9 No. Main St., Los Angeles, Cal.

Monrovia Street Ry. Co. Main line, 1 mile; owns 2 cars and 4 horses. W. A. Pile, *Pres.;* E. W. Little, *Sec.* GENERAL OFFICE, Monrovia, Cal.

North Beach and Mission RR. Co. Main line, 16 miles; gauge, 5 ft.; rail, 45 lbs.; owns 420 horses and 64 cars. *Directors:* J. R. Spring, J. Gortz, Jerome Lincoln, Wm. Alvord, H. D. Coggswell, J. C. Wilmerding, Albert Meyer, F. H. Woods, San Francisco, Cal. *Officers:* Albert Meyer, *Pres.;* J. R. Spring, *Vice-Pres.;* H. W. Hathorne, *Sec.;* Wm. Alvord, *Treas.;* M. Skelly, *Supt. & Pur. Agt.* GENERAL OFFICE, Fourth and Louisa Sts., San Francisco, Cal.

North Side Horse RR. Co. Main line, 2.25 miles; gauge, 3 ft.; rail, 16 lbs.; owns 10 horses and 3 cars. *Directors:* S. A. Bishop, J. Rich, H. Rich, E. M. Rosenthal, H. E. Moody, J. Q. A. Ballou, C. H. Simonds, San José, Cal. *Officers:* J. Rich, *Pres.;* E. M. Rosenthal, *Sec.;* S. A. Bishop, *Treas.;* J. Rich, *Gen. Supt.;* Geo. Fitzgerald, *Mast. Car Rep.* GENERAL OFFICE, 20 West Santa Clara St., San José, Cal.

Oakland, Brooklyn and Fruitvale RR. Co. Main line, 2.45 miles; gauge, 5 ft.; rail, 35 lbs.; owns 25 horses and 4 cars. Hiram Tubbs, *Pres.;* W. W. Crane, Jr., *Vice-Pres.;* W. C. Mason, *Sec.;* H. Tubbs, *Treas.;* James Dixon, *Supt.;* G. H. Mason, *Pur. Agt.* GENERAL OFFICE, 301 Central Ave., East Oakland, Cal.

Oakland Cable Ry. Co. Main line, 5 miles; gauge, 3 ft.; rail (iron), 40 lbs.; owns 10 cars. J. G. Blair, *Pres.;* C. S. Neal, *Sec.;* G. Y. Loring, *Supt.* GENERAL OFFICE, 21st and Jones Sts., Oakland, Cal.

Oakland RR. Co. Main line, 8 miles; gauge, 3 ft.; rail, 60 lbs.; horses, 83; cars, 9. J. G. Blair, *Pres.;* A. Doble, *Vice-Pres. & Pur. Agt.;* C. L. Neal, *Sec.;* First National Bank, *Treas.;* G. Y. Loring, *Supt.* GENERAL OFFICE, 21st and Jones Sts., Oakland, Cal.

Ocean Beach Ry. Co. Main line, 2 miles (single track); gauge, 4 ft. 8½ in.; rail, 35 lbs. Operated by Market Street Cable Ry. Co. Chartered, February 11, 1885; road opened January, 1883. Leland Stanford, *Pres.;* Chas. F. Crocker, *Vice-Pres.;* J. L. Willcutt, *Sec.;* N. T. Smith, *Treas.* GENERAL OFFICE, Fourth and Townsend Streets, San Francisco, Cal.

Omnibus RR. and Cable Co. Main line (cable, 22; horse, 13), 35 miles; gauge, 5 ft.; rail, 40 to 45 lbs.; owns 500 horses, 60 horse cars, 150 combination cable cars, and 10 carts, etc. Cost of road, etc., $3,000,000. *Directors:* Daniel Stein, Gustav Sutro, C. D. O'Sullivan, Eugene Le Roy, E. Hull, San Francisco, Cal. *Officers:* Gustav Sutro, *Pres.;* Daniel Stein, *Vice-Pres.;* T. Krauss, *Sec.;* Bank of California, *Treas.;* C. L. Anderson, *Gen. Supt. & P. A.* PRINCIPAL OFFICE, 10th and Howard Sts., San Francisco, Cal.

Ontario and San Antonio Heights Ry. Co. Main line, 8.5 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; owns 4 horses and 2 cars at present, pending equipment with Julien Electric Co.'s system. C. E. Harwood, *Pres.;* Chas. Franklish, *Vice-Pres. & Gen. Man.;* Ontario State Bank, *Treas.;* W. E. Collins, *Sec.* GENERAL OFFICE, Ontario, Cal.

Orange Grove Street RR. Co. Main line, 4 miles; gauge, 3 ft. 6 in.; cars, 3; horses, 9. J. D. Carson, *Pres.;* W. M. Woody, *Sec., Treas. & Supt.* GENERAL OFFICE, Pomona, Cal.

Pacific Avenue RR. Co. Main line, 6 miles; gauge, 3 ft.; rail, 20 lbs.; cars, 9; horses, 15. Thos. Cole, *Pres.;* E. S. West, *Supt.* GENERAL OFFICE, Santa Cruz, Cal.

Park and Ocean RR. Co. Main line, 4.62 miles; (double track); gauge, 4 ft. 8½ in.; rail, 35 and 45 lbs.; owns: cars, 16 passenger, 6 flat and section, and 7 steam motors. Operated by Market Street Cable Co. Chartered July 5, 1883; road opened December 1, 1883. Funded debt consists of $250,000 first mortgage 6 per cent. bonds, interest payable January and July. Chas. F. Crocker, *Pres.;* Timothy Hopkins, *Vice-Pres.;* J. L. Willcutt, *Sec.;* N. T. Smith, *Treas.;* A. W. Barron, *Supt.* GENERAL OFFICE, Fourth and Townsend Sts., San Francisco, Cal.

Pasadena Street RR. Co. Main line, 3.25 miles; sidings, 3 miles; gauge, 3 ft. 6 in.; rail, 16 lbs.; owns 21 horses, 5 cars and 1 other vehicle. Chartered March 26, 1886; road opened October 1, 1886. *Operations* for year ending May 1, 1888.—Passengers carried, 100,308; gross earnings, $5,004.23; expenses, $5,900.14. Capital stock, $50,000. Cost of road and equipment, $30,383.90. Stephen Townsend, *Pres.;* P. M. Green, *Treas.;* P. G. Wooster, *Sec.;* Williel Thomson, *Supt.* GENERAL OFFICE, Wooster Block, Pasadena, Cal.

People's RR. Co. Main line, 10 miles; owns 70 horses and 20 cars. A. Bishop, *Pres. & P. A.;* E. Rosenthal, *Sec.;* J. Rich, *Treas.;* W. Tetts, *Supt.* GENERAL OFFICE, San José, Cal.

Potrero and Bay View RR. Co. Main line, 1.61 miles (double track); gauge, 5 ft.; rail, 35 lbs.; owns 58 horses, 10 cars, and 3 other vehicles. Chartered May 1, 1866; road opened October, 1867. *Directors:* Leland Stanford, Chas. F. Crocker, W. V. Huntington, N. T. Smith, J. L. Willcutt, San Francisco, Cal. *Officers:* Leland Stanford, *Pres.;* C. F. Crocker, *Vice-Pres.;* J. L. Willcutt, *Sec. & Gen. Man.;* N. T. Smith, *Treas.;* H. O. Rogers, *Supt.;* R. Stevenson, *Pur. Agt.* GENERAL OFFICE, Fourth and Townsend Sts., San Francisco, Cal.

Powell Street Ry. Co. Main line, 11 miles; gauge, 3 ft. 6 in.; rail, 40 lbs.; owns 42 cars. Capital stock, $2,000,000. W. J. Adams, *Pres.;* Thos. Magee, *Vice-Pres.;* G. H. Waggoner, *Sec.;* H. H. Lynch, *Treas.* GENERAL OFFICE, Room 32, Merchants' Exchange, San Francisco, Cal.

Presidio and Ferries Ry. Co. Main line, 7 miles; branches, 5 miles; gauge, 5 ft.; rail, 40 and 42 lbs.; owns: horses, 35; steam motors, 5; cable cars, 35. A. D. Sharon, *Pres.;* Robt. Watt, *Vice-Pres.;* G. Palache, *Treas.;* J. B. Leighton, *Sec.;* I. T. Kydd, *Supt.* GENERAL OFFICE, 1111 Union St., San Francisco, Cal.

Redlands Street Ry. Co. Main line, 3 miles; gauge, 4 ft. 4 in.; rail, 16 to 20 lbs.; owns 2 cars and 8 horses. R. J. Waters, *Pres.;* H. S. Sloans, *Sec. & Supt.;* First National Bank, *Treas.* GENERAL OFFICE, Redlands, Cal.

Riverside and Arlington Street Ry. Co. Main line, 10 miles; sidings, 4 miles; gauge, 4 ft. 6 in.; rail, 20 lbs.; owns 6 electric motors, 4 cars, and 16 mules. Incorporated August 13, 1887; road opened October 7, 1889. Capital, $200,000. Cost of road, $40,000. S. C. Evans, *Pres.;* A. S. White, *Vice-Pres.;* Frank A. Miller, *Sec.;* S. S. Castleman, *Treas.;* G. O. Newman, *Supt.* GENERAL OFFICE, Loring Opera House Block, Riverside, Cal.

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Sacramento City Street RR. Co. Main line, 9 miles; gauge, 5 ft.; owns 100 horses and 30 cars. R. S. Cary, *Prop.*; E. R. Mott, *Sec. & Treas.*; V. J. Chamberlin, *Gen. Supt.* GENERAL OFFICE, Sacramento, Cal.

San Antonio and Holt Ave. RR. Co. Main line, 2.23 miles; gauge, 3 ft. 6 in.; rail, 16 lbs.; owns 3 cars and 6 mules. Capital stock, $25,000. H. Eno, *Pres.*; O. F. Griffin, *Treas.*; H. S. Finney, *Sec.*; F. G. Haley, *Supt.* GENERAL OFFICE, Pomona, Cal.

San Diego, Old Town and Pacific Beach Ry. Co. Main line, 11 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; owns 11 cars and 3 motors. In June, 1888, this company bought the San Diego and Old Town Street Ry. Co. Capital stock, $100,000. A. Gassen, *Pres.*; A. A. Borchers, *Sec.* GENERAL OFFICE, San Diego, Cal.

San Diego Street Car Co. Main line, 18.4 miles; gauge, 4 ft. 8½ in.; rail, 16, 20, 30 and 38 lbs.; owns 200 horses, 31 cars, 4 other vehicles and 12 steam motors. Capital stock, $250,000. *Operations* for 1888.—Passengers carried, 1,698,411; earnings, $83,282.10; expenses, $67,513.61. Milton Santee, *Pres.*; O. S. Hubbell, *Vice-Pres.*; O. J. Tyler, *Sec.*; First National Bank, San Diego, Cal., *Treas.* GENERAL OFFICE, San Diego, Cal.

San Luis Obispo Street Ry. Co. Main line, 2½ miles; gauge, 3 ft.; rail, 16 lbs.; owns 9 horses and 5 cars. Not incorporated. Owned by Goodall Syndicate Land Co. Edwin Goodall, *Pres.*; J. M. Fillmore, *Man.* GENERAL OFFICE, San Luis Obispo, Cal.

San José and Santa Clara RR. Co. Main line, 5½ miles; branches, 2½ miles—total line, 8¼ miles; double track, 4 miles; sidings, etc., ½ mile; gauge, 4 ft. 8 in., and 3 ft.; rail, 20 and 40 lbs.; owns 65 horses, 22 cars, 5 other vehicles, and 12 electric motors. Four miles of double track road now (May 1, 1890) operated by electricity (Thomson-Houston system), and remainder of line being rapidly converted. Capital stock, $500,000; funded debt, $200,000 1st mortgage 6 per cent. 10-year $500 bonds, due January 1, 1898. J. H. Henry, *Pres. & Man.*; C. N. Wooster, *Sec.*; Commercial Savings Bank, *Treas.* GENERAL OFFICE, 385 W. Santa Clara St., San José, Cal.

Santa Ana, Orange and Tustin Street Ry. Co. Main line, 10 miles; gauge, 2 ft. 6 in.; rail, 16 and 25 lbs.; owns 18 horses, 6 mules and 6 cars. Chartered March 30, 1886; road opened November 23, 1886. Gross earnings year ending December 31, 1888, $5,380.20. Expenses, $5,546.87. Capital stock, $50,000. Cost of road and equipment, $49,401.39; other assets, $5,435.57; total assets, $54,836.96. M. J. Bandy, *Pres. & Supt.*; Commercial Bank, Santa Ana, Cal., *Treas.*; Miss M. A. Ross-Lewin, *Sec.* GENERAL OFFICE, Santa Ana, Cal.

Santa Barbara Street RR. Co. Main line, 8 miles; gauge, 3 ft. 6 in.; rail, 20 lbs.; mules, 36; cars, 8. Warren Guillen, *Pres.*; G. H. Bonebrake, *Treas.*; C. R. Diver, *Sec. & Supt.* GENERAL OFFICE, Santa Barbara, Cal.

Santa Rosa Street Ry. Co. Main line, 1.50 miles; gauge, 3 ft.; rail, 32 lbs.; 4 cars, 6 horses. M. L. McDonald, *Pres. & Treas.*; J. B. Reed, *Supt. & Pur. Agt.* GENERAL OFFICE, Santa Rosa, Cal.

Second Street Cable RR. Co. Main line, 8¼ miles; gauge, 3 ft. 6 in.; rail, 16 lbs.; owns 6 dummies, 5 cars and 2 steam motors. *Directors:* W. S. Newhall, San Francisco, Cal.; Jas. McLaughlin, Jesse Yarnell, H. C. Witmer, Edward A. Hall, Los Angeles, Cal. *Officers:* Jas. McLaughlin, *Pres & Treas.*; Edgar L. Swaine, *Sec. & Supt.*; F. F. Field, *Pur. Agt.* GENERAL OFFICE, 33 South Spring St., Los Angeles, Cal.

South Side Street Ry. Co. Main line, 2 miles; 4 cars and 4 horses. Chartered May 26, 1888; opened August 15, 1888. Cost of road, $13,000. B. M. Spencer, *Pres.*; J. H. Brush, *Treas.*; J. W. Farnham, *Sec.* GENERAL OFFICE, Santa Rosa, Cal.

Southern California Motor Road Co. Main line, 32 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; owns 17 cars, 4 steam motors and 7 mules. Capital stock, $1,000,000. J. W. Hall, *Pres.*; Joseph Brown, *Vice-Pres.*; J. N. Young, *Sec.*; R. W. Burton, *Supt.*; H. C. Kellogg, *Engr.* GENERAL OFFICE, San Bernardino, Cal.

Stockton Electric Motor Ry. Co. Main line, 10 miles; gauge, 4 ft. 8½ in.; rail, 30 and 45 lbs.; cars, 15. GENERAL OFFICE, Stockton, Cal.

Sutter Street (Cable) Ry. Co. Main line, 12 miles; gauge, 4 ft. 11 in.; rail, 45 lbs.; owns 180 horses, 22 horse cars and 34 cable cars. *Directors:* R. F. Morrow, J. L. Schmitt, J. Napthaly, F. F. Low, R. G. Byxbee, San Francisco, Cal. *Officers:* R. F. Morrow, *Pres.*; J. L. Schmitt, *Vice-Pres.*; A. K. Stevens, *Sec.*; M. Schmitt, *Treas.*; John McCord, *Supt.*; R. Price, *Mast. Tr. Rep.*; H. Willy, *Mast. Car Rep.* GENERAL OFFICE, cor. Polk and Sutter Sts., San Francisco, Cal.

Temple Street Cable Ry. Co. Main line, 3 miles; gauge, 3 ft. 6 in.; owns 10 cars and 10 cable dummies. Capital stock, $400,000; funded debt, $100,000 1st mortgage 7 per cent. bonds, due 1894, interest payable semi-annually. *Directors:* W. S. Maxwell, Victor Beaudry, Prudent Beaudry, Julius Lyons, Thomas Stovell, Ralph Rogers, E. A. Hall, Octavius Morgan, John Milner. *Officers:* P. Beaudry, *Pres.*; F. W. Wood, *Sec. & Gen. Man.*; F. A. Gibson, *Treas.*; J. Fowler, *Supt. Pur. Agt.*, *etc.* PRINCIPAL OFFICE, Los Angeles, Cal.

West Pasadena Ry. Co. operates 1 mile of road, owns 2 cars and 8 horses. Earnings for 5 months ending June 1, 1889, $540; expenses, $520. Capital stock, $100,000; cost of road and equipment, $27,500. I. N. Mundell, *Pres.*; San Gabriel Valley Bank, *Treas.*; L. G. Kellogg, *Sec. & Supt.* GENERAL OFFICE, Pasadena, Cal.

Willow Glen RR. Co. Main line, 7.5 miles; gauge, 3 feet; rail, 20 lbs.; owns 8 cars and 30 horses. *Sole owner*, Jacob Rich; E. M. Rosenthal, *Sec.* GENERAL OFFICE, San José, Cal.

Woodland Street Ry. Co. Main line, 1 mile; gauge, 3 ft.; rail, 20 lbs.; 3 cars, 4 horses. Chartered October, 1887; road opened in May, 1888. Privileged by charter 10 miles. Capital stock paid in, $10,000. T. M. Prior, *Pres.*; A. D. Porter, *Treas.*; J. D. Lawson, *Sec. & Supt.* GENERAL OFFICE, Woodland, Cal.

STATE OF COLORADO.

Colfax Avenue RR. Co. Main line, 3.5 miles; gauge, 4 ft. 8½ in.; iron rail, 21 lbs.; cars, 3; 1 dummy; average rate of fare, 5 cents. Operated by Sprague system of electricity. Capital stock, $50,000; cost of road, $25,000. Thos. S. Hayden, *Pres.*; P. Feldhauser, *Vice-Pres.*; H. B. Chamberlin, *Sec. & Treas.* GENERAL OFFICE, 1033 Sixteenth St., Denver, Col.

Colorado Springs & Manitou Street Ry. Co. Main line, 6.12 miles; gauge, 3 ft. 6 in.; rail, 18 lbs.; cars, 10; horses, 42. B. T. Crowell, *Pres.*; L. R. Ehrich, *Vice-Pres.*; J. A. Hayes, Jr., *Treas.*; A. Van Vechten, *Sec. & Man.* GENERAL OFFICE, Colorado Springs, Col.

Denver & Berkeley Park Rapid Transit Co. Main line, 5 miles; gauge, 3 ft. 6 in.; rail, 30 lbs.; cars, 8; steam motors, 6. Capital stock, $300,000. T. J. Green, *Pres.*; J. F. Karper, *Vice-Pres.*; J. A. Valentine, *Sec.* GENERAL OFFICE, 1700 Curtis St., Denver, Col.

Denver & West Side Cable Ry. Co. Main line 12 miles; gauge, 3 ft. 6 in.; rail, 22 lbs.; cars, 12. Capital stock, $150,000. Geo. W. Bowman, *Pres.*; G. W. Barnard, *Sec.* GENERAL OFFICE, 1328 Eighteenth St., Denver, Col.

Denver City RR. Co. Main line, 47 miles; gauge, 3 ft. 6 in.; rail, 20 lbs.; horses, 600; cars, 96; other vehicles, 6. *Operations* for year ending June 30, 1889.—Number of miles run by cars, 2,613,243; passengers carried, 8,538,846; average rate of fare, 5 cents. Earnings, passenger, $416,278.86; expenses and taxes, $267,267.95; net earnings, $149,010.91. Payments: Interest on bonds, $27,000; dividends, $36,000; total payments, $63,000. Surplus over all, $20,762.45. Capital stock, $800,000. All owned by Denver City Cable Co. G. H. Holt, *Pres.*; B. A. Jackson, *Vice-Pres.*; G. E. Randolph, *Treas.*; H. M. Gilligan, *Sec.*; A. L. Perry, *Supt.* GENERAL OFFICE, Denver, Col., and 11 Wall St., New York.

Denver City Cable Ry Co. Main line, 22 miles; gauge, 3 ft. 6 in.; rail, 60 lbs. Geo. H. Holt, *Pres.*; H. M. Gilligan, *Sec.*; G. E. Randolph, *Gen. Man.* GENERAL OFFICES, Denver, Col., and 11 Wall St., New York, N. Y.

Denver (Cable) Tamway Co. Main line, 12.6 miles; gauge, 3 ft. 6 in.; rail, 35 lbs.; owns 28 cars. Chartered February 5, 1885; opened, December 23, 1888. Capital stock (authorized $1,000,000) issued, $290,000. Funded debt consists of coupon and registered 6 per

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cent. bonds, dated July 2, 1888, due in 1908. Amount of bonds outstanding December 31, 1889, $365,000; unfunded debt, $180,000. Interest payable New York and Denver. Rodney Curtis, *Pres.*; Job A. Cooper, *Treas.*; Wm. G. Evans, *Sec.*; M. Austin, *Supt.* GENERAL OFFICE, cor. Broadway and Colfax Ave., Denver, Col.

Pueblo Street RR. Co. Main line, 10 miles; gauge, 3 ft.; rail (steel), 21 lbs. Chartered June 28, 1879; road opened March 18, 1880. Owns 80 horses and 21 cars. Number of passengers carried, 2,350. Capital stock, $100,000. Jas. B. Orman, *Pres.*; Mrs. J. K. Moore, *Vice-Pres.*; J. N. Carlile, *Treas.*; Jno. F. Vail, *Sec. & Supt.* GENERAL OFFICE, Pueblo, Col.

Trinidad Street RR. Co. Main line, 2.5 miles; 1 mile double track; gauge, 3 ft. 2 in.; rail, 14 lbs.; cars, 2; horses, 38. Capital stock, $100,000. *Directors:* S. H. Jaffa, D. A Chappell, Morgan Jones, D. Carey, M. Lenhart. *Officers:* Sol. H. Jaffa, *Pres.*; D. A. Chappell, *Sec. & Treas.*; J. Hollond, *Supt.* GENERAL OFFICE, Trinidad, Col.

University Park Ry. & Electric Co. Main line, 4 miles; gauge, 3 ft. 6 in.; rail, 30 lbs.; cars, 3. Operated by Sprague system of electricity. Milo A. Smith, *Pres.*; Geo. W. Bailey, *Vice-Pres. & Treas.*; S. G. Collins, *Sec.* GENERAL OFFICE, Denver, Col.

STATE OF CONNECTICUT.

Bridgeport Horse RR. Co. Main line, 7.5 miles; gauge, 4 ft. 8½ in.; rail, 42 lbs; owns 105 horses and 21 cars. Chartered May, 1864; road opened January 23, 1866. *Directors:* Albert Eaines, James Wilson, N. Wheller, P. T. Barnum, F. Hurd, A. B. Beers, B. F. Lasher, Bridgeport, Conn. *Officers:* F. Hurd, *Pres. & Treas.*; Thos. B. Lasher, *Sec.*; B. F. Lasher, *Supt.*, *P. A. & Mast. Car Rep.* GENERAL OFFICE, 333 E. Washington Ave., Bridgeport, Conn.

Danbury and Bethel Horse Ry. Co. Main line, 6.75 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; owns 16 cars and 130 horses. Daniel D. Wylie, *Pres.*; J. B. McGeorge, *Sec. & Treas.*, 20 Broad St., New York, N. Y.; Robert J. Wylie, *Pur. Agt. & Supt.* GENERAL OFFICE, Danbury, Conn.

Danbury Street RR. Co. Main line, 4 miles; gauge, 3 ft. 6 in.; rail, 25 lbs.; cars, 7; horses, 30. John D. Haines, *Pres.*; Chas. D. Haines, *Sec. & Treas.*; A. G. Haines, *Supt. & Pur. Agt.* GENERAL OFFICE, Danbury, Conn.

Derby (Electric) Street Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs.; cars: electric, 4; freight, 5; electric motor, 1. Chartered March 29, 1887; road opened May 1, 1888. This company purchased the property of the Birmingham and Ansonia Horse RR. Co. Cost of road, $90,000. H. H. Wood, *Pres.*; Chas. E. Clarke, *Treas.*; Geo. O. Schneller, *Sec.* GENERAL OFFICE, 239 Main St., Birmingham, Conn.

East End Ry. Co. Main line, 5 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs.; owns 15 cars and 50 horses. Road opened October 19, 1885. Capital stock, $50,000. *Directors:* Daniel F. Hollister, James Staples, William H. Kelsey and Henry B. Drew. *Officers:* D. F. Hollister, *Pres.*; H. B. Drew, *Sec. & Treas.*; H. N. Beardsley, *Pur. Agt.* GENERAL OFFICE, Bridgeport, Conn.

Fairhaven and Westville RR. Co. Main line, 7 miles; gauge, 4 ft. 8½ in.; rail, 42 and 50 lbs.; horses, 240; cars, 40. Chartered June 20, 1860; opened May 1, 1861. Dividends paid January and July at New Haven, Conn. *Directors:* H. B. Ives, Geo. D. Watrous, Ezekiel H. Trowbridge, Henry S. Parmele, Samuel Hemingway, John B. Carrington, Chas. S. Blackman, E. H. Trowbridge, Jr., New Haven, Conn. *Officers:* Hoadley B. Ives, *Pres.*; Leverett Candee, *Sec. & Treas.*; W. A. Graham, *Supt.* GENERAL OFFICE, 736 Chapel St., New Haven, Conn.

Hartford and Wethersfield RR. Co. Main line, 5 miles; branches, 15 miles; total, 20 miles; gauge, 4 ft. 8½ in.; rail, 48 lbs.; owns 60 cars and 350 horses. Operated by Sprague system of electricity. Capital stock, $200,000; funded debt, $100,000. *Directors:* Henry Keney, Roland Mather, James J. Goodwin, Charles L. Lincoln, Daniel R. Howe, Atwood Collins, Samuel G. Dunham, and E. S. Goodrich. *Officers:* E. S. Goodrich, *Pres.*; D. R. Howe, *Sec. & Treas.* GENERAL OFFICE, Hartford, Conn.

Meriden Horse RR. Co. Main line, 5 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; owns 15 cars. Geo. R. Curtis, *Pres.*; C. L. Rockwell, *Sec. & Treas.*; N. M. Crawford, *Supt.* GENERAL OFFICE, Meriden, Conn.

Middletown Horse RR. Co. Main line, 3.25 miles; gauge, 4 ft. 8½ in.; rail, 36 lbs.; owns 32 horses and 9 cars. Chartered May, 1864; opened September 14, 1885. Passengers carried, year ending December 31, 1889, 264,500; earnings, $13,265. *Directors:* John M. Douglas, James K. Guy, Fred. B. Chaffee, Eugene H. Burr, Abel C. Allison, E. Bound Chaffee, James Donovan, Middletown, Conn. *Officers:* John M. Douglas, *Pres.*; James K. Guy, *Sec., Treas., & Pur. Agt.*; Myron S. Burr, *Gen. Man.* GENERAL OFFICE, 166 Main St., Middletown, Conn.

New Britain Tramway Co. Main line, 4.5 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; owns 8 cars and 44 horses. Chartered in 1886. Passengers carried during 1888, 300,000; earnings, $15,000. Average rate of fare, 5 cents. Capital stock, $30,000. P. C. Dolan, *Pres.*; P. H. Dolan, *Sec. & Treas.* GENERAL OFFICE, New Britain, Conn.

New Haven and Centreville Horse RR. Co. Main line, 2.5 miles; gauge, 4 ft. 8½ in.; rail, 42 lbs.; owns 51 horses, 9 cars, and 2 other vehicles. Cornelius Pierpont, *Trustee*, 1 Broadway, New York; T. R. Hull, *Supt.*, New Haven, Conn.

New Haven and West Haven Horse RR. Co. Main line, 7.25 miles; gauge, 4 ft. 8½ in.; rail, 50 to 60 lbs.; owns 125 horses and 32 cars. Chartered, 1865; opened, 1867. Capital stock, $89,250; funded debt, 1st mtge. 5 per cent. bonds, due July 10, 1899 ($50,000 authorized), $39,000 outstanding. Cost of road and equipment, $90,000; other assets, $80,000. Dividends payable February 4, May 4, August 4, November 4, at West Haven Office. Interest payable at Second National Bank, New Haven. *Directors:* Geo. R. Kelsey, I. A. Kelsey, W. W. Ward, James Graham, S. A. Stevens, New Haven, Conn. *Officers:* I. A. Kelsey, *Pres.*; S. A. Stevens, *Sec.*; W. W. Ward, *Treas., Supt., & P. A.*; Andrew Bracken, *Mast. Tr. Rep.* GENERAL OFFICE, West Haven, Conn.

Norwalk Horse RR. Co. Main line, 1.75 miles; gauge, 4 ft. 10 in.; rail, 40 lbs.; owns 22 horses and 7 cars. J. W. Hyatt, *Pres.*; E. G. Hoyt, *Sec.* GENERAL OFFICE, Norwalk, Conn.

Norwich Horse RR. Co. Main line, 6 miles; gauge, 4 ft. 8½ in.; rail, 20 lbs.; owns 39 horses and 14 cars. J. H. Cunningham, *Pres.*; T. West, *Sec. & Treas., etc.* GENERAL OFFICE, Franklin Square, Norwich, Conn.

Southington and Plantsville Tramway Co. Main line, 1.8 miles; gauge, 4 ft. 8½ in.; rail, 25 lbs. Chartered in June, 1887; road opened March 31, 1889. Electric cars, 2. *Operations* for 1889—Miles run by cars, 31,600; passengers carried, 111,410. Earnings—passengers, $5,591.43; other sources, $704.70—total, $6,296.13. Payments, $8,342.21. Capital stock, $20,000; funded debt, 6 per cent. 10-year $500 bonds, due 1899, interest payable February and August ($20,000 authorized), $16,000; unfunded debt, $1,176.05—total, $37,176.05. *Contra:* Cost of road, etc., $34,707.08; other assets, $713.77. Chas. K. Mead, *Pres.*; L. E. Southworth, *Sec.*; Stephen Walkley, *Treas.*; R. W. Cowles, *Supt.* GENERAL OFFICE, Southington, Conn.

Stamford Street RR. CO. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 38 lbs.; owns 33 horses and 8 cars. Wm. H. Fosdick, *Pres.*; R. A. Fosdick, *Sec. & Treas.*; W. H. Hay, *Supt.* GENERAL OFFICE, Fessenden Block, Stamford, Conn.

State Street Horse RR. Co. Main line, 2.25 miles; leased line, Whitney Avenue RR., 2.25 miles—total operated, 4.5 miles; gauge, 4 ft. 8½ in.; rail, 45 to 50 lbs.; owns 70 horses and 14 cars. C. A. Warren, *Pres.*; J. E. Emery, *Sec. & Treas.*; Geo. Wells, *Supt.* GENERAL OFFICE, New Haven, Conn.

Waterbury Horse RR. Co. Main line, 5.5 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; horses, 90; cars, 16. Capital stock, $50,000; funded debt, $50,000—total, $100,000. Cost of road, $105,000. D. S. Plume, *Pres.*; E. T. Turner, *Treas.*; H. S. Chase, *Sec.*; E. A. Bradley, *Gen. Supt.* GENERAL OFFICE, 4 Exchange Place, Waterbury, Conn.

Westport and Saugatuck Railway Co. Main line, 1.75 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; owns

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7 horses and 4 cars. Chartered and opened in 1876. Gross earnings, December 31, 1889, $4,703.92; expenses and taxes, $3,654.25. Capital stock, $15,000. Dividends payable in October, 1889, at Westport, Conn. *Directors:* A. S. Hurlbutt, Horace Staples, A. C. Nash, H. A. Ogden, E. H. Nash, W. H. Saxton, E. S. Downes, C. H. Taylor, W. C. Staples, Westport, Conn. *Officers:* A. S. Hurlbutt, *Pres.;* B. L. Woodworth, *Sec. & Treas.;* Alexis F. Downes, *Supt., Pur. Agt., & Mast. Tr. Rep.* GENERAL OFFICE, Westport, Conn.

Whitney Avenue Horse Ry. Co. Main line, 2.25 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs.; owns 20 horses and 3 cars. Capital Stock, $29,500; funded debt, $7,500. Leased for 99 years from October 1, 1887. Francis Wayland, *Pres.;* G. D. Watrous, *Sec.;* Eli Whitney, Jr., *Treas.;* State Street Horse RR. Co., *Lessee.* GENERAL OFFICE, New Haven, Conn.

DAKOTA, NORTH AND SOUTH.

Deadwood Street Ry. Co. Main line, 2 miles; gauge, 3 ft.; rail, 30 lbs.; cars, 3; horses, 9. J. K. P. Miller, *Pres. & Treas.;* A. W. Coe, *Sec.* GENERAL OFFICE, Deadwood, So. Dak.

Huron City Ry. Co. Main line, 2.75 miles; gauge, 4 ft. 8½ in.; rail, 16 lbs.; owns 4 cars, 4 horses, and 1 mule. Chartered in July, 1888. W. T. Love, *Pres. & Supt. & Sec.* GENERAL OFFICE, Huron, So. Dak.

Lisbon Street Ry. Co. Frank P. Allen, *Pres.* GENERAL OFFICE, Lisbon, North Dak.

Pierre Street Ry. Co. Main line, 2 miles; gauge, 4 ft. 8½ in.; rail, 25 lbs.; owns 2 cars. Miles run by cars, daily, 60; passengers carried, 35,000. Capital stock, $25,000. W. S. Wells, *Pres.;* W. I. Hulett, *Sec. & Treas.;* R. H. Proudfoot, *Supt.* GENERAL OFFICE, East Pierre, South Dak.

Rapid City Street RR. Co. Main line, 2 miles; gauge, 4 ft.; rail, 25 lbs.; owns 4 horses and 2 cars. E. B. Chapman, *Pres.;* D. R. Knull, *Sec. & Treas.* GENERAL OFFICE, Rapid City, South Dak.

Sioux Falls Street Ry. Co. Main line, 5 miles; branches, 3—total length of line operated, 8 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; owns 50 horses and mules, 4 cars, and 3 other vehicles. Chartered March 22, 1887; opened February 23, 1889. Earnings for year ending January 1, 1890, $7,370.53. Capital stock, $150,000. Cost of road and equipment, $80,680. R. F. Pettigrew, *Pres.;* S. L. Tate, *Sec. & Treas.;* George Arneson, *Supt.* GENERAL OFFICE, Sioux Falls, So. Dak.

Yankton Street Ry. Co. Main line projected, 2 miles. Chartered April 30, 1889. Road in process of construction. R. F. Pettigrew, *Pres.;* S. L. Tate, *Treas.;* C. G. Zingerson, *Sec.* GENERAL OFFICE, Sioux Falls, South Dak.

STATE OF DELAWARE.

Front and Union Street RR. Co. Main line, 1.5 miles; gauge, 5 ft. 2 in.; rail, 35 lbs.; owns 22 mules and 7 cars. *Directors:* Geo. W. Bush, Jno. R. Tatum, Wm. Ferris, Philip Plunkett, R. J. McKay, Joseph Pyle, Wilmington, Del.; J. C. McComb, Claymont, Del. *Officers:* Geo. W. Bush, *Pres.;* Samuel A. Price, *Sec. & Supt.;* Edw. T. Taylor, *Treas.;* Geo. Broadbent, *Mast. Car. & Tr. Rep.* GENERAL OFFICE, 5th and Market Sts., Wilmington, Del.

Wilmington City RR. Co. Main line, 1.87 miles; branches, 5.32—total length of line operated, 7.20 miles; second track, 1.87 miles; sidings, about ½ mile; gauge, 5 ft. 2 in.; rail, 47 and 50 lbs.; horses, 110; cars, 26; sleighs, 2; electric cars, 8; total cars owned, 34. Number of passengers carried year ending December 31, 1889, 1,350,000. Dividends paid semi-annually at Company's office, and interest at First National Bank. Chartered February 4, 1864; road opened July 1, 1854; operated by Sprague system of electricity. *Directors:* Wm. Canby, James Bradford, Geo. H. Bates, G. W. Bush, D. W. Taylor, John Jones, Washington Jones, Wilmington, Del. *Officers:* Wm. Canby, *Pres.;* J. F. Miller, *Sec. & Treas.;* E. W. Heald, *Gen. Man.;* W. H. Burnett, *Supt. & Pur. Agt.;* Owen McCarty, *Mast. Track Repairs;* Wm. Johnson, *Mast. Car Repairs.* GENERAL OFFICE, Delaware Ave. and Dupont St., Wilmington, Del.

DISTRICT OF COLUMBIA.

Anacostia and Potomac River Street RR. Co. Main line, 2.8 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs. Chartered February 18, 1875; road opened June 1, 1875. Owns 32 horses and 12 cars. The company proposed to extend the line about 5 miles. *Directors:* R. B. Clark, T. E. Smithson, H. C. McCauley, J. Z. Williams, Washington, D. C.; H. A. Griswold, Arthur Chrystie, James E. Hailey, Anacostia, D. C. *Officers:* H. A. Griswold, *Pres. and Supt.;* J. B. Pitcher, *Sec. & Treas.* GENERAL OFFICE, Anacostia, D. C.

Capitol, North O Street, and South Washington Street RR. Co. Main line, 7.75 miles; gauge, 4 ft. 8 in.; rail, 35 lbs.; owns 208 horses and 48 cars. *Directors:* W. J. Cowling, Charles White, B. F. Fuller, A. M. Clapp, C. S. Bradley, E. Cammack, G. W. Gray, Washington, D. C. *Officers:* Charles White, *Pres.;* W. E. Boughton, *Sec. & Treas.;* Andrew Glass, *Supt., Pur. Agt., etc.* GENERAL OFFICE, 3d and B Sts., South Washington, D. C.

Columbia RR. Co. Main line, 2.50 miles; gauge, 4 ft. 8½ in.; rail, 38 lbs.; owns 100 horses and 29 cars. Chartered May 24, 1871; road opened August 15, 1871. Capital stock, $400,000. Wm. J. Stephenson, *Pres.;* R. F. Baker, *Sec. & Treas.;* Thos. J. King, *Supt. & P. A.* GENERAL OFFICE, 15th and H. St., N. E., Washington, D. C.

Eckington and Soldiers' Home Ry. Co. Main line, 2.8 miles; gauge, 4 ft. 8½ in.; rail, 80 lbs.; cars, 14. Operated by Thomson-Houston system of electricity. The capital stock has been increased $100,000 to provide for additional extensions that are proposed. Geo. Truesdell, *Pres.;* Chas. C. Duncanson, *Vice-Pres.;* E. Kurtz Johnson, *Treas.;* Joseph Paul, *Sec.* GENERAL OFFICE, Atlantic Building, Washington City, D. C.

Metropolitan RR. Co. Main line, 19.44 miles; gauge, 4 ft. 8½ in.; rail, 38 lbs.; owns 600 horses and 120 cars. *Operations* for year ending June 30, 1889—Passengers carried, 7,639,683. Miles run by cars, 1,832,941. Earnings—passengers, $337,136.05; other sources, $27,198.60—total earnings, $364,334.65. Dividends payable quarterly, January, April, July, October, at Company's office, Washington, D. C. *Directors:* Geo. W. Pearson, Albert A. Wilson, Robert D. Weaver, A. A. Thomas, John Cammack, Robert Beall, Daniel B. Clark, Washington, D. C. *Officers:* Geo. W. Pearson, *Pres. & Pur. Agt.;* Albert A. Wilson, *Vice-Pres.;* Wm. J. Wilson, *Sec. & Treas.;* Wm. N. De Neale, *Supt.* GENERAL OFFICE, 2411 F Street, North Washington, D. C.

Washington and Georgetown RR. Co. Main line, 21 miles; gauge, 4 ft. 8½ in.; rail, 42 and 80 lbs.; owns 920 horses and 137 cars. H. Hurt, *Pres. & P. A.;* M. G. Lane, *Vice-Pres.;* C. M. Koones, *Sec. & Treas.;* C. C. Salier, *Supt.;* S. T. Hawk, *Mast. Car Rep.* GENERAL OFFICE, Georgetown, D. C.

STATE OF FLORIDA.

East Florida Land and Produce Co. (Ltd.). Main line, 16 miles; owns 37 horses and mules, 2 engines, and 9 cars. Thos. Geo. Lamb, *Pres.;* C. Benham, *Sec.;* R. Harrison, *Supt.* GENERAL OFFICE, St. Augustine, Fla.

Fort Meade Street RR. Co. Main line, 2.25 miles; gauge, 3 ft.; rail, 25 lbs.; owns 2 mules and 3 cars. *Operations* for the year ending Dec. 31, 1889: Cars run, 7,212 miles; number of passengers carried, 2,700; tons of freight moved, 1,270. Earnings from passengers, $335.82; other sources, $1,298.37; total, $1,634.19. Expenses and taxes, $1,154.17. Net earnings, $480.02. Dividends paid: February 1, 1889, 3 per cent.; January 21, 1890, 4 per cent. Capital stock, $6,000; cost of road and equipment, $7,000. W. Beddoes, *Pres.;* J. G. Carter, *Treas.;* F. B. Harless, *Sec.;* Max Relf, *Gen. Man.* GENERAL OFFICE, Ft. Meade, Fla.

Gainesville City and Suburban Ry. Co. Main line, 2 miles; gauge, 4 ft. 8½ in.; rail, 42 lbs.; owns 5 cars and 40 mules. W. H. Robertson, *Pres.;* W. L. Seigler, *Sec.;* James D. Matheson, *Treas.;* R. L. Robb, *Supt.* GENERAL OFFICE, Gainesville, Fla.

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Jacksonville Street RR. Co. Main line, 10 miles; gauge, 5 ft.; rail, 25 to 35 lbs.; owns 125 mules and 33 cars. H. S. Haines, *Pres.*, Savannah, Ga.; Geo. R. Foster, *Vice-Pres. & Sec.*, Jacksonville, Fla.; J. M. Lee, *Treas.*; G. W. Haines, *Supt.*, Savannah, Ga.; M. H. Motte, *Agent.* GENERAL OFFICE, Jacksonville, Fla.

Key West Street Ry. Co. GENERAL OFFICE, Key West, Fla.

Leesburgh Transfer Co. Main line, 1 mile; gauge, 5 ft.; rail, 60 lbs.; owns 1 mule and 1 car. C. L. Myers, *Pres.*; J. M. Stopp, *Treas., Sec., & Supt.* GENERAL OFFICE, Leesburgh, Fla.

Main Street RR. Co. Main line, 2.12 miles; gauge, 5 ft.; rail, 25 lbs.; cars, 5; mules, 18. S. B. Hubbard, *Pres.*; J. M. Schumacher, *Vice-Pres.*; J. T. Greeley, *Treas.*; H. S. Ely, *Sec. & Man.* GENERAL OFFICE, 26 Main St., Jacksonville, Fla.

Orlando and Winter Park RR. Co. Main line 6 miles; owns 6 cars and 2 dummy engines. Chartered November 20, 1886; road opened February 13, 1889. *Operations* for the year ending June 30, 1889: Earnings from passengers, $1,180.44; other sources, $307.39; total, $1,487.83; number of passengers carried 1 mile, 51,570; tons of freight moved 1 mile, 1,886. Funded debt consists of $60,000 1st mortgage 6 per cent. bonds, due April 2, 1908, interest payable April and October. Francis B. Knowles, *Pres.*; C. H. Hutchins, *Treas.*; J. M. Russell, *Sec.*, Worcester, Mass.; J. B. Abbott *Gen. Supt.*; Geo. R. Newell, *Local Sec.*, Orlando, Fla.

Orlando Street Ry. Co. Main line, 2.5 miles; gauge, 4 ft. 9 in.; rail, 30 lbs.; owns 3 cars and 8 mules. Nathaniel Poyntz, *Pres.*; N. L. Mills, *Vice-Pres.*; J. D. Beggs, *Sec. & Treas.*; W. M. Matthus, *Supt.* GENERAL OFFICE, 10 Main St., Orlando, Fla.

Osceola and Lake Jesup RR. Co. Chartered Jan. 23, 1889, under construction. *Directors:* F. B. Knowles, H. S. Chubb, J. S. Capen, J. R. Mizell, J. H. Abbott, G. R. Newell. *Officers:* John R. Mizell, *Pres.*, Winter Park, Fla.; Geo. R. Newell, *Sec.*; J. H. Abbott, *Supt. & Chf. Eng.*, Orlando, Fla. OFFICE, Orlando, Fla.

Palatka and Heights Street Ry. Co. Main line, 2 miles; gauge, 3 ft.; rail, 8 lbs. Chartered in March, 1888; opened in January, 1889; 2 cars, 2 horses. Passengers carried, 20,000; earnings (passenger), $1,000; expenses, $1,800. Capital stock, $10,000; cost of road, $10,000. Wm. P. Craig, *Pres.*; W. J. Winegar, *Treas.*; Marcus Loab, *Sec.*; D. A. Boyd, *Supt.* GENERAL OFFICE, Palatka, Fla.

Pensacola Street Car Co. Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 20 and 30 lbs. Chartered Dec. 6, 1882; road opened March 1, 1883. Owns 35 mules and 10 cars. Capital stock, $50,000. A. V. Clubbs, *Pres.*; W. A. Blount, *Sec.*; Thomas C. Watson, *Treas.*; S. F. Chipley, *Gen. Supt.* GENERAL OFFICE, Pensacola, Fla.

People's RR. Co. Main line, 5.75 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; cars, 15; horses, 165. Capital stock, $300,000. J. R. Swan, *Pres.*; Daniel Candee, *Vice-Pres.*; S. A. Beardsley, *Sec.* GENERAL OFFICE, Tampa, Fla.

Pine Street RR. Co. Owned and operated by the Springfield Company. Main line, 2.13 miles; gauge, 5 ft.; rail, 25 lbs.; owns 18 horses and 5 cars. S. B. Hubbard, *Pres.*; W. A. Macduff, *Treas.*; H. S. Ely, *Sec. & Gen. Man.* GENERAL OFFICE, 26 Main St., Jacksonville, Fla.

Tampa Street Ry. Co. Main line, 2.75 miles; branches, 0.75—total length of line operated, 3.50 miles; gauge, 3 ft. 3 in.; rail, 25 lbs.; owns 8 cars and 3 steam motors. Chartered February 12, 1885; opened January, 1886. Earnings for year ending Oct. 31, 1889, $16,845.23. Expenses and taxes, $8,974.96. Net earnings, $7,870.00. Capital stock, $50,000. Cost of road and equipment, $21,000. Everisto Mouni, *Pres.*; Geo. T. Chamberlain, *Sec.*; C. E. Parcell, *Supt.* GENERAL OFFICE, Tampa, Fla.

STATE OF GEORGIA.

Athens Ry. Co. Main line, 5 miles; gauge, 4 ft.; rail, 16 lbs.; owns 19 horses and 9 cars. Capital stock, $50,000. *Directors:* E. G. Harris, Louis A. Mitchell, J. T. Voss. E. G. Harris, *Pres.*; John A. Voss, *Treas.*; Louis A. Mitchell, *Sec.*; John A Voss, *Gen. Supt.* GENERAL OFFICE, 509 Prince Ave., Athens, Ga.

Athens Street RR. Co. Main line, 2.50 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; horses, 6; cars, 2. Chartered March 17, 1857. Capital stock, $10,000. Cost of road, etc., $9,700. The present company is successor to the former Athens St. RR. Co., whose road was sold April 4, 1890. R. D. Van Dyke, *Pres.* GENERAL OFFICE, Rome, Ga.

Atlanta and Edgewood Street RR. Co. Main line to be 3.50 miles; gauge, 4 ft. 8½ in.; rail, 54 lbs.; 8 cars; 4 motors; 4 tow-cars. This road is equipped with the Thomson-Houston overhead electric system; the first electric car was run on August 22, 1889. Joel Hurt, *Pres.*; Phil. H. Harralson, *Vice-Pres.*; Litt. Bloodworth, Jr., *Sec.* GENERAL OFFICE, Atlanta, Ga.

Atlanta Street RR. Co. Main line, 14 miles; line leased, 3 miles—total, 17 miles operated; gauge, 4 ft. 8½ in.; rail, 30 and 60 lbs.; owns 200 horses and 50 cars. Capital stock, $300,000. Richard Peters, *Pres.*; J. W. Culpepper, *Sec. and Treas.*; E. C. Peters, *Gen. Supt. & P. A.* GENERAL OFFICE, 49 Line St., Atlanta, Ga.

Augusta Ry. Co. Main line (double track), 6 miles; branches, 14 miles—total, 20 miles; gauge, 4 ft. 8½ in.; rail, 35 and 48 lbs. Chartered November 13, 1883; road now being constructed with Sprague system of electricity, and expected to be completed by June 15, 1890. D. B. Dyer, *Pres.*, Augusta, Ga.; Roland R. Conklin, *Treas.*; R. M. Spiney, *Sec.*, Kansas City, Mo. GENERAL OFFICE, 915 Broad St., Augusta, Ga.

Augusta and Summerville RR. Co. Main line, 10 miles of horse and 2.5 miles of freight railroad—total, 12.5 miles; gauge, 5 ft.; rail, 40 lbs. Chartered March 20, 1866; road opened January 9, 1868. Equipment—horses and mules, 112; cars, 27. *Operations* for 1888: Cars run, 257,448 miles. Passengers carried, 783,506. Earnings: Passengers, $38,560.27; other sources, $75,160.90—total, $113,721.17. Expenses and taxes, $77,397.86. Net earnings, $36,323.31. Payments: Interest on bonds, $6,920; dividends, 3 per cent., $6,000—total, $12,920.00, leaving surplus, $23,403.31. *Financial Statement*, December 31, 1889: Capital stock, $200,000; funded debt, $86,500; unfunded debt, $10,000—total, $302,500. Cost of road and equipment, $369,880.02. Funded debt consists of 1st mtge. 8 per cent. 25-year bonds, due October 1, 1892, interest payable April and October, $38,000; 1st mtge. 8 per cent. 24-year bonds, due October 1, 1895, interest payable April and October, $48,500. Dividends payable January and July at Augusta, Ga. Interest payable at Fourth National Bank, New York, N. Y. *Directors:* Wm. H. Howard, Thomas G. Barrett, E. T. Mosher, Henry B. King, Z. W. Canville, Jr., Landon A. Thomas, Jr., R. A. Fleming, Augusta, Ga. *Officers:* F. E. Fleming, *Pres. & Treas.*; Edward G. Mosher, *Sec. & Supt.*; F. E. Petit, *Aud.* GENERAL OFFICE, Augusta, Ga.

Brunswick Street Ry. Co. Main line, 7 miles; 4 miles in operation and 3 miles in construction; gauge, 4 ft. 8½ in.; rail, 38 lbs. Chartered in 1884; opened July 1, 1887. Owns 6 cars. C. P. Coodyear, *Pres.*, Brunswick, Ga.; D. A. Kendall, *Vice-Pres.*; W. E. Kay, *Treas.*; U. Dart, *Sec.* GENERAL OFFICE, Brunswick, Ga.

Central City Street Ry. Co. Main line, 5 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; cars, 9; motors, 3. J. B. Colegrove, *Pres.*; W. T. Johnson, *Vice-Pres. & Sec.*; B. H. Colegrove, *Man.* GENERAL OFFICE, Macon, Ga.

City and Suburban RR. Main line (steam, 12.50 m., horse, 6 m.), 18.50 miles; gauge, 5 ft.; rail, 35, 38, and 42 lbs.; cars (steam, 12, street, 40), 52; horses, 130; engines, 3. J. H. Johnston, *Pres.*; A. L. Hartridge, *Sec.*; E. Schmidt, *Treas.*; G. W. Alley, *Supt.* GENERAL OFFICE, Savannah, Ga.

Coast Line RR. Co. Main line, 5 miles; branches, 2 miles—total length of line operated, 7 miles; gauge, 5 ft.; rail, 40 lbs.; owns 40 horses, 1 dummy engine, and 22 cars; 3 other vehicles. Geo. Parsons, *Pres.*, New York, N. Y.; Jas. H. Johnston, *Treas.*; A. G. Drake, *Sec. & Gen. Supt.* GENERAL OFFICE, Savannah, Ga.

Columbus RR. Co. Main line, 12 miles; gauge, 4 ft. 8½ in.; rail, 16, 25, and 40 lbs.; owns 54 horses and mules, 16 cars, 2 dummy engines, 4 steam passenger cars, and 2 flat cars. *Directors:* L. F. Garrard, T. M. Foley, C. B. Grimes, J. H. Henderson, Jno. F. Flour-

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nuy, G. W. Dillingham, F. D. Peabody, Columbus, Ga. *Officers:* Louis F. Garrard, *Pres.;* C. B. Grimes, *Sec. & Treas.;* John H. Henderson, *Supt.* GENERAL OFFICE, 1147 Broad St., Columbus, Ga.

Covington and Oxford Street Ry. Co. Main line, 3 miles; branches, 0.5 mile—total length, 3.5 miles; gauge, 4 ft. 8½ in.; rail, 25 lbs. Chartered February 14, 1888; road opened throughout January 1, 1889. Owns 10 horses, 6 cars, and 2 other vehicles. Capital stock, $16,000. Cost of road and equipment, $16,000. Dividends payable April 11th and October 11th, at Covington, Ga. *Directors:* J. M. Pace, D. A. Thompson, J. A. Stewart, J. F. Henderson, J. T. Corley, J. W. Brown, and Morgan Callaway. *Officers:* W. C. Clark, *Pres.;* J. G. Lester, *Sec. & Treas.;* R. O. Usher, *Gen. Supt.* GENERAL OFFICE, Covington, Ga.

Gainesville and Hall Co. Street RR. Co. Main line, 2.5 miles; gauge, 4 ft. 8½in.; rail, 20 lbs.; owns 8 mules and 5 cars. J. R. Barnes, *Pres.;* J. W. Smith, *Sec. & Treas.;* Robert E. Green, *Gen. Man.* GENERAL OFFICE, 10 Spring Street, Gainesville, Ga.

Gate City Ry. Co. Main line, 3 miles; gauge, 3 ft. 8½ in.; rail, 16 and 60 lbs.; owns 7 cars and 28 mules. Operated by Atlanta Street RR. Co. R. Peters, *Pres.;* J. W. Culpepper, *Sec. & Treas;* E. C. Peters, *Supt.* GENERAL OFFICE, 49 Line Street, Atlanta, Ga.

Macon City and Suburban Street RR. Co. Main line, 12 miles; gauge, 5 ft.; rail, 20 lbs.; owns 3 horses, 91 mules, and 20 cars. Also 3 other vehicles. J. S. Bransford, *Pres.;* E. E. Winters, *Sec. & Treas.;* B. M. Bell, *Supt.* GENERAL OFFICE, Elm Street, Macon, Ga.

Metropolitan Street RR. Co. Main line, 9 miles; gauge, 4 ft. 8½ in.; rail (steel), 35 lbs.; owns 23 horses, 7 dummy engines, 17 cars, and 1 other vehicle. Chartered December 12, 1882; operated by present owners since June 15, 1888. *Operations* for year ending Dec. 31, 1889. Cars run, 249,750 miles; number of passengers carried, 1,106,981. Earnings from passengers, $53,973.07. Expenses and taxes, $41,773.59. Net earnings, $12,199.48. *Payments:* Interest on bonds, $9,830.00; surplus, $2,369.48. Capital stock, $100,0 0. Funded debt (1st mtge. 8 per cent. 30-year bonds due in 1918, Interest payable January and July at New York and Atlanta), $161,000.00; unfunded debt, $4,922.54. Income balance, $2,369.48. Total liabilities, $268,292.02. Cost of road and equipment, $255.468.58; other assets, $21,002.49; total assets, $276,496.07. *Directors:* Aaron Hass, Jacob Hass, W. H. Patterson, Atlanta, Ga; James Irvine, New York, and F. M. Colston, Baltimore, Md. *Officers:* Aaron Hass, *Pres.;* W. H. Patterson, *Sec. & Treas.;* W. E. Chester, *Supt.* GENERAL OFFICE, 29 East Alabama St., Atlanta, Ga.

Milledgeville and Asylum Dummy Line RR. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; cars, 2. Capital stock, $25,000. S. Barnett, *Pres.* GENERAL OFFICE, Milledgeville, Ga.

North and South Street RR. Co. Main line, 2¼ miles; sidings, ½ mile; gauge, 4 ft. 9 in.; rail, 20 lbs.; owns 14 horses and mules, and 3 cars. Chartered in October, 1888. Capital stock, $10,000. J. A. Stansbury, *Pres.;* J. J. Printup, *Treas.;* Henry Harvey, *Sec.;* F. Pence, *Supt.* GENERAL OFFICE, Rome, Ga.

Rome Street RR. Co. Main line, 6 miles; gauge, 4 ft. 8½ in.; rail, 20, 30, and 40 lbs. Chartered October 7, 1885. Owns 20 horses, 10 cars, and 3 dummy engines. Number of miles run by cars, 216; number of passengers carried, 268,826. Capital stock, $30,000. Jno. J. Seay, *Pres.;* J. Branham, *Sec.;* T. F. Howel, *Treas.;* Frank Littell, *Gen Supt.* GENERAL OFFICE, Rome, Ga.

Savannah Street and Rural Resort Ry. Co. Main line, 6.75 miles; branches, 0.25—total length of line operated, 7 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; owns 30 cars, 3 other vehicles, 100 horses and mules. Number of miles run by cars, 1,000; passengers carried, 964,466; *Operations* for year ending December 31, 1889: Earnings—passengers, $48,223.30; other sources, $81.00—total earnings, $48,304.30. Expenses and taxes, $36,765.42. Net earnings, $11,538.88. *Payments:* Interest on bonds, $12,000. Capital stock, $100,000; funded debt, $200,000 6 p. c. bonds, interest payable at Savannah, Ga. Cost of road and equipment, $200,000. Wm. G. Cooper, *Pres.;* C. H. Dorsett, *Treas.;* H. C. Cunningham, *Sec.;* Clement Sanssy, *Supt.* GENERAL OFFICE, Habersham and St. Thomas Streets, Savannah, Ga.

West End and Atlanta Street Ry. Co. Main line, 4.5 miles; gauge, 4 ft. 8½ in.; rail, 20 and 30 lbs.; owns 9 cars, 35 mules, and 1 dummy. W. A. Hemphill, *Pres.;* Aaron Hass, *Vice-Pres. & Gen. Man.;* J. W. Culpepper, *Treas. & Sec.;* John Hallman, *Pur. Agt.;* John D. Patterson, *Supt.* GENERAL OFFICE, 22 Peachtree St., Atlanta, Ga.

STATE OF ILLINOIS.

Alton and Upper Alton Horse RR. Co. Main line, 2.75 miles; gauge, 4 ft. 8½ in.; rail, 25 lbs.; owns 20 horses and 4 cars. John Haley, *Pres.;* Chas. Holden, *Sec. & Treas.;* Harriet A Hathaway, *Gen. Supt.* GENERAL OFFICE, Alton, Ill.

Alton Improvement Association. Main line, 2.75 miles; gauge, 4 ft. 8½ in.; rail, 25 and 40 lbs.; owns 6 cars and 22 horses. *Directors:* Wm. Eliot Smith, Henry Watson, Chas. W. Milnor, L. Pfeiffenberger, Julius H. Raible, Geo. R. Hewitt, H. R. Phinney. *Officers:* C. W. Milnor, *Pres.;* H. Watson, *Vice-Pres.;* H. R. Phinney, *Sec. & Treas.* GENERAL OFFICE, Alton, Ill.

Aurora City Ry. Co. Main line, 6 miles; gauge, 4 ft. 8½ in.; rail, 28 and 35 lbs.; owns 55 miles, 13 horses, 10 cars, and 1 wagon. Thomson-Houston system of electricity is now being substituted for the present motive power. *Directors:* H. H. Evans, S. W. Thatcher, E. W. Trask, T. H. Day, A. Rindelle, D. F. Van Liew, C. A. Weight, A. I. Hopkins, R. Griswold, Aurora, Ill. *Officers:* S. W. Thatcher, *Pres.;* A. J. Hopkins, *Vice-Pres.;* T. H. Day, *Sec.;* D. F. Van Liew, *Treas. & Supt.* GENERAL OFFICE, Aurora, Ill.

Bloomington City Ry. Co. Main line, 3.75 miles; branches, 7.25 miles—total line, 11 miles; gauge, 4 ft. 8½ in., rail, 25 and 37 lbs.; owns 90 mules and 25 cars. J. J. Patterson, *Pres.;* E. L. Barnes, *Supt.;* W. W. Irvine, *Sec. & Treas.* GENERAL OFFICE, Park St. near Graham Ave., Bloomington, Ill.

Cairo Street Ry. Co. Main line, 4 miles; gauge, 3 ft. 6 in.; rail, 16 and 20 lbs.; owns 13 horses and 6 cars. Chartered September 20, 1880; road opened October 1, 1881. *Earnings, etc.,* for 1889, $9,258.19; expenses and taxes, $5,346.15—net earnings, $3,912.04. Paid interest on bonds, $8,000. Average rate of fare, 4½ cents. Capital stock, $19,500; funded debt, 8 per cent. 10-year coupon bonds, due May 1, 1895, interest payable May and November, $10,000. *Contra:* Cost of road, etc., $19,500. Dividends paid in November at Company's Office. Interest payable at Alexander Co. Nat. Bank, Cairo, Ill. *Directors:* Henry Wells, Thomas Lewis, Harry Schulze, Albert Lewis, Cairo, Ill. *Officers:* Henry Wells, *Pres.;* J. A. Goldstine, *Vice-Pres.;* Harry Schulze, *Sec.;* Thomas Lewis, *Treas., Supt., etc.* GENERAL OFFICE, Cairo, Ill.

Central Ry. Co. Main line, 8 miles; branches, 5—total, 13 miles; gauge, 4 ft. 8½ in.; rail, 30 to 60 lbs. Road to be extended one-half mile. This company was formed by a consolidation, May 16, 1889, of the Central City Horse Ry. Co., the Central Horse and Cable Ry. Co., and the Peoria Horse and Cable Ry. Co. Road operated by electricity (Thomson-Houston system) since September 1, 1889. Cars—open, 30; box, 30; motors, 31. *Officers:* J. B. Greenhut, *Pres.;* H. R. Woodward, *Vice-Pres. & Gen. Man.;* S. R. Clarke, *Sec.;* E. Callender, *Treas.;* Jas. Finley, *Supt.* GENERAL OFFICE, 400 South Adams St., Peoria, Ill.

Champaign Street RR. Co. *Directors:* W. S. Reyburn, Daniel Norrissey, J. W. Davidson, J. L. Ray, *Pres.* GENERAL OFFICE, Champaign, Ill.

Chicago City (Cable) Ry. Co. Main line (cable line, 35 miles; horse line, 125 miles), 160 miles; gauge, 4 ft. 8½ in.; rail, 45, 65, and 83 lbs.; owns 2,150 horses, 1,048 cars, 48 snow-ploughs, and 6 sweepers. Capital stock, $5,000,000; funded debt (1st mortgage non-registered 4½ per cent. bonds, due in 1901, interest payable January and July at First National Bank, Chicago, Ill.), $4,000,000. *Directors:* S. B. Cobb, D. K. Pearsons, S. W. Allerton, C. L. Hutchinson, E. M. Phelps, D. G. Hamilton, C. B. Holmes, Chicago, Ill. *Officers:* C. B. Holmes, *Pres., Supt., & P. A.;* S. B. Cobb, *Vice-Pres.;* H. H. Windsor, *Sec.;* T. C. Penington, *Treas.;* C. J. Luck, *Mast. Tr. Rep.;* J. B. Wright, *Mast. Car Rep.* GENERAL OFFICE, 2020 State St., Chicago, Ill.

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Chicago Passenger Ry. Co. Main line, 22 miles; gauge, 4 ft. 8½ in.; rail, 52 and 60 lbs.; owns 480 horses and 103 cars. C. T. Yerkes, *Pres.;* Jno. B. Parsons, *Vice-Pres. & Gen. Man.;* R. C. Crawford, *Sec.;* Geo. Newton, *Treas.;* C. F. Nagle, *Supt.* GENERAL OFFICE, 348 Western Ave., Chicago, Ill.

Chicago West Division RR. Co. Operated by the West Chicago Street RR. Co. under a lease of 99 years, from October 20, 1887, at an annual rental of $35 per share, payable quarterly on the 20th days of January, April, July, and October, to the stockholders of the leased road. *Directors:* F. S. Winston, C. T. Yerkes, L. Z. Leiter, Edward Koch, John B. Parsons, W. L. Elkins, P. A. B. Widener. *Officers:* F. S. Winston, *Pres.;* Geo. L. Webb, *Sec.* GENERAL OFFICE, Chicago, Ill.

Citizens' Horse Ry. Co. Main line, 4.25 miles; gauge, 4 ft. 8½ in.; rail, 16 lbs.; owns 24 horses and 9 cars. *Directors:* D. P. Alexander, Wichita, Kan.; H. A. Alexander, John E. Thomas, Don Turner, Belleville, Ill. *Officers:* D. P. Alexander, *Pres.;* Carrie T. Alexander, *Treas., Pur. Agt., & Supt.;* John E. Thomas, *Sec.* GENERAL OFFICE, 105 N. High St., Belleville, Ill.

Citizens' Street Ry. Co. Main line, 6 miles; gauge, 4 ft.; rail, 20 lbs.; owns 60 mules and 10 cars. *Directors:* Wm. P. Cannon, A. R. Samuel, A. C. Daniel, J. B. Mann, E. C. Abdill, Danville, Ill. *Officers:* Wm. P. Cannon, *Pres.;* A. C. Daniel, *Vice-Pres.;* A. R. Samuel, *Sec. & Treas.;* Wm. P. Cannon, *Supt. & P. A.* GENERAL OFFICE, 150 N. Vermilion St., Danville, Ill.

Citizens' Electric Street Ry. Co. Main line, 3 miles; branches, 2 miles—total operated, 5 miles; gauge, 4 ft. 8½ in.; rail, 35 and 40 lbs.; owns 9 motor cars, 10 trailer cars—total cars, 19. Thomson-Houston system of electricity introduced on this road September 1, 1889. Capital stock, $150,000. Cost of road, stocks, and other investments, $125,000. D. S. Shellabarger, *Pres.;* W. L. Shellabarger, *Sec.;* W. L. Ferguson, *Supt. & Treas.* GENERAL OFFICE, 432 E. North St., Decatur, Ill.

Citizens' Street Ry. Co. Main line, 9.5 miles; gauge, 3 ft. 6 in.; rail, 20 and 36 lbs.; owns 100 mules, 30 cars, and 2 other vehicles. *Directors:* J. H. Schück, Frank Reish, Geo. Reish, C. Schück, John Schoeneman, C. Smorooskie, C. Herman, Springfield, Ill. *Officers:* J. H. Schück, *Pres.;* John Schoeneman, *Vice-Pres.;* Frank Reish, *Treas.;* Chas. Herman, *Sec.;* Dock Grief, *Gen. Supt.* GENERAL OFFICE, 413 E. Jefferson St., Springfield, Ill.

College City Street RR. Co. Main line, 5.5 miles; gauge, 4 ft. 8½ in.; rail, 18, 20, and 38 lbs.; owns 25 horses and 12 cars. *Directors:* Luke W. Sanborn, J. H. Barton, A. S. Hoover, Galesburg, Ill.; E. E. Fosdick, Fort Worth, Tex.; E. O. Flood, New York, N. Y. *Officers:* Luke W. Sanborn, *Pres.;* C. C. Lanstrum, *Vice-Pres.;* J. K. Mitchell, *Treas.;* W. Kellogg, *Sec., Supt., Pur. Agt., etc.* GENERAL OFFICE, 332 E. Main St., Galesburg, Ill.

Decatur and North Park Street Ry. Co. George Brown, *Atty.* GENERAL OFFICE, Decatur, Ill.

Decatur Street RR. Co. Main line, 1 mile. Owns 12 horses and 4 cars. F. Priest, *Pres. & Gen. Man.*, Decatur, Ill.

East Bluff Peoria Horse Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; owns 40 mules, 8 cars, and 3 other vehicles. Chartered in November, 1887; road opened January 1, 1888. Capital stock, $11,000. J. B. Greenhut, *Pres.;* H. R. Woodward, *Vice-Pres. & Gen. Man.;* E. Callender, *Treas.;* S. R. Clarke, *Sec.;* J. Finley, *Supt.* GENERAL OFFICE, 400 S. Adams St., Peoria, Ill.

Elgin City Street Ry. Co. Main line, 10 miles; gauge, 4 ft. 8½ in.; rail, 40 and 45 lbs. This company has succeeded, by purchase, the Elgin City Street RR. Co., has obtained a new charter, and is reconstructing the road so as to operate it with electricity (Sprague system). Owns 20 cars. Capital stock, $200,000. G. P. Lord, *Pres.;* A. B. Church, *Sec.;* E. D. Waldron, *Treas.;* Jas. B. Lane, *Supt.* GENERAL OFFICE, Borden Block, Elgin, Ill.

Fort Clarke Horse RR. Co. Main line, 9 miles; gauge, 4 ft. 8½ in.; rail, 20 and 38 lbs.; owns 100 horses and 34 cars. John H. Hall, *Pres. & Supt.;* Willis Hall, *Sec.;* H. Tetweiller, *Treas.* GENERAL OFFICE, 1600 Perry St., Peoria, Ill.

Freeport Street Ry. Co. Main line, 3.75 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; owns 32 horses, 6 cars and 4 other vehicles. Jacob Krohn, *Pres.*, Freeport, Ill.; F. C. Platt, *Vice-Pres.*, Waterloo, Ia.; John B. Taylor, *Treas. & Gen. Man.;* Walter G. Barnes, *Sec.* GENERAL OFFICE, Freeport, Ill.

Jacksonville RR. Co. Main line, 4.5 miles; gauge, 4 ft. 8½ in.; rail, 20, 30, and 45 lbs.; owns 30 horses and 16 cars. Wm. S. Hook, *Pres.;* Thomas J. Hook, *Sec.;* Marcus Hook, *Treas.;* Benj. Silbert, *Supt. & P. A.* GENERAL OFFICE, Jacksonville, Ill.

Joliet Street Ry. Co. Main line, 3.5 miles; gauge, 4 ft. 8½ in.; rail, 38 lbs.; owns 15 horses, 20 mules, and 16 cars. J. A. Henry, *Prop'r;* J. Hulsizer, *Sec. & Treas.;* A. Birchman, *Supt.* GENERAL OFFICE, Joliet, Ill.

La Salle Street RR. Co. Main line, 1.5 miles; gauge, 4 ft. 8½ in.; rail, 47 lbs.; operates 1 car. Owned by the Matthiessen and Hegeler Zinc Co. F. W. Matthiessen, *Pres.;* G. Weerts, *Sec.* GENERAL OFFICE, La Salle, Ill.

Mattoon Street Ry. Co. Main line, 5 miles; gauge, 4 ft. 8½ in. E. M. Neel, *Pres.;* Robt. G. Owens, *Treas.;* Joseph Withington, *Sec.* GENERAL OFFICE, Mattoon, Ill.

Mechanicsburg and Buffalo RR. Co. Main line, 3.75 miles; gauge, 3 ft. 10 in.; rail, 16 and 20 lbs.; owns 4 mules and 3 cars. *Directors:* J. N. Fullinwider, Harvey Thompson, J. M. Thompson, A. T. Thompson, Mechanicsburg, Ill.; J. B. Hunter, Buffalo, Ill. *Officers:* J. B. Hunter, *Pres.;* Harvey Thompson, *Vice-Pres.;* J. T. Fullinwider, *Sec.;* A. T. Thompson, *Treas.* GENERAL OFFICE, Mechanicsburg, Ill.

Moline Central Street Ry. Co. Main line, 1.5 miles; gauge, 4 ft. 8½ in.; rail, 25, 30, and 35 lbs.; owns 11 horses and three cars; 2 cars operated by Sprague system of electricity. Chartered October 2, 1884. Passengers carried in 1888, 100,000. Earnings, $4,000; expenses, $3,000. Net earnings, $1,000. Capital stock, $12,000; unfunded debt, $600. Cost of road and equipment, $14,000. *Directors:* W. R. Moore, E. H. Guyer, L. S. McCabe, S. H. Velie, J. B. Cornwall, C. F. Hemenway, J. H. Porter, Moline, Ill. *Officers:* W. R. Moore, *Pres.;* J. B. Cornwall, *Vice-Pres.;* C. F. Hemenway, *Treas.;* John H. Porter, *Sec.* GENERAL OFFICE, Moline, Ill.

Moline and Rock Island Street Car Co. Main line, 4.69 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; owns 82 horses and 15 cars. J. Huntoon, *Pres.;* J. M. Buford, *Sec. & Treas.;* Wm. Gamble, *Sup.* GENERAL OFFICE, Moline, Ill.

North Chicago Street (Cable) RR. Co. Main line, 54 miles; gauge, 4 ft. 8½ in.; rail, 45 to 67 lbs. Successor to the North Chicago City Ry. Co. Capital stock, $500,000. Bonded debt ($1,500,000 4½ per cent. bonds, and $500,000 6 per cent. bonds, due in 1900), $2,000,000. *Directors:* C. T. Yerkes, Wm. L. Elkins, J. Chas. Moore, Wm. D. Mecker, F. S. Winston. *Officers:* C. T. Yerkes, *Pres.;* Wm. D. Mecker, *Sec. & Treas.;* F. L. Threedy, *Gen. Man.;* John M. Roach, *Sup. Cable Lines;* J. M. Miller, *Mast. Car Rep.* GENERAL OFFICE, 444 N. Clark St., Chicago, Ill.

Ottawa Electric Street Ry. Co. Main line, 7 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; cars, 12. Road opened August 31, 1889, and operated by Thomson-Houston system of electricity. Capital stock, $150,000. T. J. Evans, *Pres.*, Council Bluffs, Ia.; Theo. P. Bailey, *Sec. & Treas.*, Chicago, Ill.; H. J. Irvin, *Gen. Sup.*, Ottawa, Ill. GENERAL OFFICE, Ottawa, Ill.

Oxford Lake Line Ry. Co. Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 20 lbs.; cars, 5; horses, 13. Capital stock, $75,000. T. C. Hill, *Pres.;* W. S. Larned, *Sec. & Treas.;* J. Baxter Allen, *Sup. & Pur. Agt.* GENERAL OFFICE, Oxanna, Ill.

Pekin City Ry. Co. George Herget, *Pres.;* Wm. L. Pretyman, *Sec.* GENERAL OFFICE, Pekin, Ill.

People's Street RR. Co. Main line, 1.75 miles; gauge, 4 ft. 8½ in.; rail, 20 lbs.; cars, 4; horses, 8; dividends paid annually, July 19, at company's office. L. S. Hoyt, *Pres.;* R. H. Truitt, *Sec.* GENERAL OFFICE, Chillicothe, Ill.

Quincy Horse Railway and Carrying Co. Main line, 6.75 miles; gauge, 5 ft.; rail, 36 and 52 lbs.; owns 115 mules and 21 cars and 1 other vehicle. Capital

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stock, $100,000. W. S. Warfield, *Pres.;* E. J. Parker, *Sec. & Treas.;* E. K. Stone, Jr., *Supt.* GENERAL OFFICE, Quincy, Ill.

Rockford Street RR. Co. Main line, 6.33 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; owns 13 cars, 54 horses and 27 mules. Chartered January 1, 1881; road opened March 6, 1882. *Operations* for year ending December 31, 1889.—Passengers carried 550,000. Earnings from passengers, $22,050; other sources, $250—total, $22,300. Expenses and taxes, $21,685. Net earnings, $615. Capital stock, $64,800; unfunded debt, $7,650—total, $72,450. Cost of road, $55,000; other assets, $17,450—total, $72,450. *Directors:* A. Haines, Levi Rhoades, H. C. Price, John Barnes, James Ticknor, J. C. Garver, A. Forbes, Rockford, Ill. *Officers:* A. Haines, *Pres.;* Levi Rhoades, *Vice-Pres.;* W. H. McCutchen, *Treas.;* Fred. Haines, *Sec. & Gen. Supt.* GENERAL OFFICE, Rockford, Ill.

Rock Island and Milan Street RR. Co. Main line, 4.75 miles; branch, 0.70 mile; leased, 0.36 mile—total, 5.81 miles; 2d track, 0.50 miles; sidings, 0.75 mile; gauge, 4 ft. 8½ in.; rail, 20, 30 and 40 lbs.; owns 7 horses, 2 dummy engines, 8 passenger and 10 freight cars. Capital stock, $40,000; unfunded debt, about $48,000—total, $88,000. *Contra:* Cost of road and equipment, $50,000; stocks and other investments, about $10,000—total, $60,000. C. H. Stoddard, *Pres., Supt., etc.;* J. F. Robinson, *Treas.;* E. W. Hurst, *Sec.* GENERAL OFFICE, Rock Island, Ill.

South Chicago City Ry. Co. Main line, 7 miles; gauge, 4 ft. 8½ in.; rail, 25 and 40 lbs.; owns 37 horses and 7 cars. Chartered May 1, 1883; opened July 1, 1885. Capital stock, $100,000; cost of road, $100,000. *Directors:* D. S. Taylor, Andrew Kimball, Andrew Rehm, Henry Sherer, Cyrus A. Pomeroy, Chicago, Ill. *Officers:* D. S. Taylor, *Pres.;* C. O. Pomeroy, *Treas.;* Andrew Kimball, *Sec.* GENERAL OFFICE, 191 La Salle St., Chicago, Ill.

Springfield City Ry. Co. Main line, 7 miles; gauge, 4 ft. 8½ in.; rail, 30 to 45 lbs.; owns 52 horses, 8 mules, and 18 cars. Capital stock, $125,000. *Directors:* A. L. Idle, George N. Black, William Ridgely, Charles Ridgely, R. B. Zimmermann, Geo. M. Brinkerhoff, J. Taylor Smith, Springfield, Ill. *Officers:* A. L. Idle, *Pres. & P. A.;* Geo. N. Black, *Vice-Pres.;* Geo. M. Brinkerhoff, *Sec.;* Wm. Ridgley, *Treas.;* Irwin Johnson, *Supt. & M. Tr. Rep.* GENERAL OFFICE, Springfield, Ill.

Union Street RR. Co. Main line, 5.4 miles; gauge, 4 ft. 8½ in.; rail, 38 and 42 lbs.; owns 8 cars, 16 horses, 12 mules, and 2 steam motors. Eugene Lewis, *Pres.;* James Cazatt, *Supt.*, Moline, Ill.; G. W. French, *Sec. & Treas.* GENERAL OFFICE, 308 15th St., Moline, Ill.

Urbana and Champaign Street RR. Main line, 2 miles; gauge, 4 ft. 8½ in.; rail, 33 lbs.; owns 20 horses and 4 cars. *Directors:* Wm. Park, Frank G. Jaques, Minnie Jaques, Urbana, Ill. *Officers:* Wm. Park, *Pres. & Supt.;* Frank G. Jaques, *Sec. & Treas.* GENERAL OFFICE, Urbana, Ill.

West Chicago Street RR. Co. Main line, 125 miles; gauge, 4 ft. 8½ in.; rail, 43 lbs.; owns 4,300 horses, 1,100 cars and 125 other vehicles. Passengers carried, year ending December 31, 1889, 65,000,000. Capital stock, $10,000,000; funded debt, $4,100,000. *Directors:* C. T. Yerkes, A. Crawford, Jno. B. Parsons, W. L. Elkins, R. C. Crawford. C. T. Yerkes, *Pres.;* Jno. B. Parsons, *Vice-Pres. & Gen. Man.;* Geo. E. Newlin, *Treas.;* R. C. Crawford, *Sec.* GENERAL OFFICE, 59 State St., Chicago, Ill.

STATE OF INDIANA.

Anderson Street Ry. Co. Main line, 3.50 miles; gauge, 4 ft. 8½ in.; rail, 16 lbs.; cars, 5; horses, 15. D. C. Williams, *Pres.;* De Witt C. Chapman, *Sec.;* Jno. H. Ramsey, *Supt. & Treas.* GENERAL OFFICE, Anderson, Ind.

C. D. Centlivre Street Ry. Co. Main line, 1.5 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs.; owns 4 cars, 10 horses. L. A. Centlivre, *Pres. & Owner;* C. L. Centlivre, *Vice-Pres.;* C. F. Centlivre, *Sec.;* J. B. Renss, *Treas.* GENERAL OFFICE, Fort Wayne Ind.

Citizens' RR. Co. J. H. Bass, *Pres.;* G. E. Bunsley, *Sec.;* C. Grafmiller, *Supt.* GENERAL OFFICE, Fort Wayne, Ind.

Citizens' Ry. Co. Main line, 7 miles; gauge, 4 ft. 8½ in.; rail, 25, 30, and 46 lbs.; owns 9 cars and 15 horses. Capital stock, $30,000; cost of road, etc., $50,000. O. N. Lambert, *Pres.;* F. W. Miller, *Treas.;* Jas. Kavanagh, *Sec. & Man.* GENERAL OFFICE, 103 South Main St., Elkhart, Ind.

Citizens' Street RR. Co. Main line, about 60 miles; gauge, 4 ft. 8½ in.; rail 35 to 52 lbs.; owns 50 horses, 1,000 mules, and 193 cars. J. C. Shaffer, *Pres.;* S. W. Allerton, *Vice-Pres.;* A. A. Anderson, *Sec. & Treas.;* W. T. Steele, *Supt.* GENERAL OFFICE, Room 11, the Blair Block, Indianapolis, Ind.

Citizens' Street RR. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; horses, 17; cars, 4. W. G. Knight, *Pres.;* J. D. Henderson, *Sec.;* J. S. Knight, *Treas.;* S. J. Murdock, *Supt.* GENERAL OFFICE, Michigan City, Ind.

City Ry. Co. (Richmond, Ind.) Main line, 6 miles; gauge, 4 ft. 8½ in.; rail 25 lbs.; owns 20 cars and 6 motors. Cars operated by electricity. Chartered in January, 1890. Passengers carried, 1889, 500,000. Average fare, 5 cents. Capital stock, $200,000; funded debt, $150,000. J. C. Shaffer, *Pres.;* Russell B. Harrison, *Sec.;* W. T. Milholland, *Treas.;* W. H. Shaffer, *Supt.* GENERAL OFFICE, Richmond, Ind.

Evansville RR. Co. Main line, 12 miles; gauge, 4 ft. 8½ in.; rail, 27 lbs.; owns 240 mules, 56 cars, 6 wagons, 3 scrapers. Chartered in 1965. Cars run, 716,850 miles; number of passengers carried, 1,417,395. *Earnings*—Passengers, $64,679.72; other sources, $165—total, $64,844.72. Capital stock, $100,000; funded debt, $75,000; unfunded debt, $73,055. Interest on bonds payable at Evansville, Ind. C. R. Bement, *Pres.;* John Gilbert, *Treas. & Sec.;* Thos. J. Gist, *Supt.* GENERAL OFFICE, Main and First Streets, Evansville, Ind.

Fort Wayne Street RR. Co. Main line, 75 miles; gauge, 4 ft. 8½ in.; rail, 30 to 45 lbs.; owns 27 cars; 88 horses. J. H. Bass, *Pres.;* S. B. Bond, *Vice-Pres.;* A. S. Bond, *Treas.;* J. M. Barrett, *Sec.;* L. D. McNutt, *Supt.* GENERAL OFFICE, Fort Wayne, Ind.

Greencastle City RR. Co. Main line, 2.50 miles; gauge, 4 ft. 8½ in.; rail, 24 lbs.; owns, horses, 10; cars, 3; other vehicles, 4. Earnings for 1888—Passenger, $4,260; other sources, $256—total, $4,516. Expenses and taxes, $3,150. Net earnings, $1,366. Capital stock, $32,000; cost of road, $35,000. *Directors:* Dudley Rogers, J. S. Nutt, A. T. Keightly, Ralph Rogers, J. M. Knight, J. C. Woolerich, E. W. Rogers, Greencastle, Ind. *Officers:* Dudley Rogers, *Pres. & Pur. Agt.;* A. D. Keightly, *Vice-Pres.;* J. S. Nutt, *Sec.;* Ralph Rogers, *Treas.;* W. E. Rogers, *Gen. Supt.;* Wm. Blanken-hip, *Mast. Car. Rep.* GENERAL OFFICE, Greencastle, Ind.

La Fayette Street RR. Co. Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 27 to 52 lbs.; owns 8 motors, 5 horses, and 3 cars. Operated by Sprague system of electricity. Geo. E. C. Johnson *Pres. & Treas.;* Thos. J. Lovering, *Sec.;* R. J. Hawver, *Supt.* GENERAL OFFICE La Fayette, Ind.

Logansport Ry. Co. Main line, 4 miles; gauge, 4 ft.; rail, 30 lbs.; owns 40 mules, and 9 cars. *Directors:* C. T. Christensen, E. M. Field, S. Spencer, E. P. Bromley, New York, N. Y. *Officers:* C. T. Christensen, *Pres.;* E. P. Bromley, *Sec. and Treas.;* A. E. Hann, *Supt.* GENERAL OFFICE, Logansport, Ind.

Madison Street Ry. Co. Main line, 2.5 miles; gauge, 4 ft.; rail, 15 lbs.; owns 12 mules, 3 horses, 7 cars, and 3 other vehicles. Passengers carried 179,720. Capital stock, $13,000. James Wendell, *Pres.;* Jno. W. Thomas, *Vice-Pres.;* E. J. Colgate, *Sec.* GENERAL OFFICE, 301 E. Front St., Madison, Ind.

Muncie Street Ry. Co. Main line, 5 miles; gauge, 4 ft. 8½ in.; rail, 36 lbs.; dummy engines, 3; cars, 6; other vehicles, 1. Road opened October 2, 1889. Capital stock, $15,000. Fred. E. Smith, *Pres.,* Montpelier, Vt.; S. C. Goshen, *Sec.,* Muncie, Ind.; Edward Wells, *Treas.,* Burlington, Vt.; F. G. Brownell, *Supt.,* Muncie, Ind. GENERAL OFFICE, Muncie, Ind.

New Albany Street Ry. Co. Main line, 6.5 miles; gauge, 5 ft.; rail, 25 lbs.; owns 15 horses, 80 mules, 25 cars and 4 other vehicles. In 1890 the stock ($30,000) of this company was purchased by the Kentucky and Indiana Bridge Co. *Directors:* W. H. Thomas, I. W. Stine, V. S. Price, J. F. Gebhart, Thos. W. Bullock, W. T. Grant, Theodore Harris. *Officers:* J. F. Gebhart, *Pres. & Supt.;* W. C. Crane, *Sec. & Treas.* GENERAL OFFICE, New Albany, Ind.

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Ohio Falls Street Ry. Co. Main line, 1.50 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; cars, 8; mules, 34. Capital stock, $50,000. Jno. C. Zulauf, *Pres.;* Dennis Long, *Vice-Pres.;* Newton H. Myers, *Sec. & Treas.* GENERAL OFFICE, 57 Spring St., Ohio Falls, Ind.

South Bend and Mishawaka Ry. Co. Main line, 9.7 miles. This company is a consolidation of the South Bend and Mishawaka Street Ry. Co. and the South Bend Street RR. Co. Road being equipped with Thomson-Houston system of electricity. Owns 42 horses and 13 cars. J. W. Boynton, *Pres.;* E. W. Ellithorp, *Sec., Treas. & Supt.* GENERAL OFFICE, South Bend, Ind.

Terre Haute Street RR. Co. Main line, 6.39 miles; 2d track, 1.30 miles; sidings, .50 mile; gauge, 4 ft. 8½ in.; rail, 36 lbs.; owns 27 cars, 4 other vehicles, and 99 horses. Capital stock, $100,000. R. W. Rippetie, *Pres.;* Willard Kidder, *Vice-Pres.;* L. D. Thomas, *Sec. & Treas.;* M. F. Burke, *Supt.* GENERAL OFFICE, 100 North Ninth St., Terre Haute, Ind.

Vigo County Street Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 20 lbs.; cars, 16; horses, 16. J. H. Blake, *Pres.;* R. J. Smith, *Sec.;* M. C. Blake, *Treas.* GENERAL OFFICE, 225 Ohio St., Terre Haute, Ind.

Vincennes Citizens' Street Ry. Co. Main line, 2.5 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; owns 45 mules and 7 cars. Fred. Graeter, *Pres. & Treas.;* G. Graeter, *Sec., Supt., Pur. Agt., etc.* GENERAL OFFICE, Fairground Ave., Vincennes, Ind.

West Terre Haute Horse Ry. Co. Main line, 7 miles; gauge, 4 ft. 8½ in.; rail, 16 lbs.; owns 15 cars, 40 horses and mules. Jos. Blake, *Pres.;* R. Smith, *Sec.;* B. E. Lockwood, *Supt.* GENERAL OFFICE, Terre Haute, Ind.

STATE OF IOWA.

Boone and Boonesboro Street RR. Co. Main line, 2.50 miles; gauge, 3 ft.; rail, 20 lbs. Chartered and opened in September, 1882. Owns 10 horses and 4 cars. Cars run daily. Passengers carried, 160,000. Earnings—Passengers, $8,000; other sources, $250—total, $8,250. Expenses and taxes, $3,250. Net earnings, $5,000. Dividends, 2½ per cent., paid quarterly at Boone, Ia. Capital stock, $50,000. Cost of road, etc., $50,000. *Directors:* L. W. Reynolds, C. J. A. Ericson, J. W. Chamberlin, Boone, Ia. *Officers:* L. W. Reynolds, *Pres.;* C. J. A. Ericson, *Sec. & Treas.;* John Reynolds, *Supt.* GENERAL OFFICE, Boone, Ia.

Bridge, Second Street and Northwest Davenport Ry. Co. Main line, 1.50 miles; gauge, 4 ft. 8½ in.; rail, 38 lbs.; cars 6; horses, 37. C. B. Holmes, *Pres.;* E. H. Holmes, *Sec.;* H. Schnitger, *Supt.* GENERAL OFFICE, Davenport, Ia.

Burlington Street RR. Co. Main line, 4.25 miles; gauge, 4 ft. 8½ in.; rail 20 lbs. Chartered in August, 1873; road opened January 10, 1874. Owns 36 horses, 10 mules, 9 cars, and 5 sleighs. Cars run 175 miles daily. Capital stock, $50,000. Cost of road, $50,000. Thomson-Houston system of electricity being substituted for present motive power. John Patterson, *Pres.;* C. T. Paterson, *Treas. & Supt.* GENERAL OFFICE, 1401 Summer St., Burlington, Ia.

Calliope and Hawarden Street RR. Co. E. E. Carpenter, *Gen. Man.* GENERAL OFFICE, Calliope, Ia.

Clinton and Lyons Horse Ry. Co. Main line, 9.5 miles; gauge, 3 ft. 8 in.; rail, 36 to 38 lbs.; horses and mules, 56; cars, 24; other vehicles, 10. Chartered Sept. 14, 1869; road opened Oct. 1, 1869. Capital stock, $25,000. *Directors:* D. Joyce, Frank Crapser, M. A. Disbrow, W. T. Joyce, E. S. Baily, William Holmes, Lyons, Ia. *Officers:* D. Joyce, *Pres. & Treas.;* Wm. Holmes, *Vice-Pres.;* W. T. Joyce, *Sec.;* Frank Crapser, *Supt.* GENERAL OFFICE, Lyons, Ia.

Council Bluffs (Electric) Street RR. Co. Main line, 4.5 miles; gauge, 4 ft. 8½in.; rail, 45 lbs. Owns 46 electric cars. J. T. Stewart, *Pres.;* Geo. F. Wright, *Sec. & Treas.;* C. H. Reynolds, *Gen Supt.* GENERAL OFFICE, 506 First Ave., Council Bluffs, Ia.

Davenport and Rock Island Street Ry. Co. Main line, 5 miles; gauge, 4 ft. 8½ in.; rail, 50 lbs. Chas. H. Deere, *Pres.,* Moline, Ill.; E. Carl, *Sec.,* Davenport, Ia.; M. Rosenfield, *Treas.,* Rock Island, Ill. GENERAL OFFICE, Davenport, Ia.

Davenport Central Street RR. Co. Main line, 2.25 miles; branches, 0.50 miles—total operated, 2.75 miles; 2d track, 0.50 miles; sidings, 0.50 miles, gauge, 4ft 8½ in; rail, 20 and 25 lbs. Chartered Nov. 2, 1780; road opened, June 1, 1871. Owns 7 electric motors, and 15 cars, and 7 horses. Operated by Sprague system of electricity. *Operations* for year ending Dec. 31, 1889.—Cars run 167,900 miles; passengers carried, 559,820; average fare, 4½ cents. Earnings from passengers, $24,340.51; other sources, $6,237.39—total, $30,577.90. Expenses and taxes, $14,246.37. Net earnings, $16,331.53. *Payments:* Interest on bonds, $3,000; sinking fund, $1,250; other charges, $3,668.99—total $7,918.99 Surplus for year, $8,412.54. Interest on bonds payable at 62 State St., Boston, Mass. *Financial Statement* for year ending Dec. 31, 1889.—Capital stock, $48,750; funded debt (15-year 6 per cent. gold bonds, due in 1903, interest payable April and October), $50,000; unfunded debt, $3,925; income balance, $17,109.55—total liabilities, $119,759.55. Cost of road and equipment, $92,866.03; stocks and other investments, $26,893.58—total assets, $119,759.55. *Directors:* J. P. Van Patten, E. D. Allen, Allen Curtis, Walter Chambers, O. S. McNeil, John B. Fidlar, W. L. Allen, Davenport, Ia. *Officers:* W. L. Allen, *Pres.;* Walter Chambers, *Vice-Pres.;* John B. Fidlar, *Treas.;* O. S. McNeil, *Sec.;* J. W. Howard, *Gen. Supt.* GENERAL OFFICE, 62 State Street, Boston, Mass., and Davenport, Ia.

Davenport City Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 27 lbs.; horses, 42; mules, 17, and 15 cars. Leased to Henry Schnitger for 10 years, from May 1, 1887. Capital Stock, $82,500. *Directors:* F. H. Briggs, Hiram Price, W. H. Decker, E. S. Ballard, Henry Hills, S. D. Bawden, J. P. Phelps, Geo. E. Maxwell, C. S. Watkins. *Officers:* C. B. Holmes, *Pres.;* E. H. Holmes, *Sec. & Treas.;* H. Schnitger, *Lessee, Supt. & Pur. Agt.* GENERAL OFFICE, 116 West Third St., Davenport, Ia.

Des Moines Belt Line Ry. Main line, 4.5 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs. Opened September 15, 1888. Owns 2 dummy engines, and 6 cars. Passengers carried during 1889, 180,000. Capital stock, $100,000; funded debt, 1st mtge. 7 p. c. 5-year bonds, due 1893, $52,000. Cost of road, $102,000. E. T. Likes, *Pres., Supt. & Treas.;* A. B. Cummins, *Sec.* GENERAL OFFICE, 313 Locust St., Des Moines, Ia.

Des Moines Electric Ry. Co. Main line, 7 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs; cars, 8. Formerly the Capital City Street Ry Co. Chartered Dec. 1, 1888; opened January, 1889. Operated by Sprague system of electricity. Owns 4 horses; 8 cars. R. N. Bayliss, *Pres.;* W. H. Harwood, *Treas.;* H. E. Teachout, *Sec. & Supt.* GENERAL OFFICE, 211 W. 4th Street, Des Moines, Ia.

Des Moines Rapid Transit Co. Main line, 2.50 miles; gauge, 3 ft.; rail, 30 lbs.; cars, 3; steam motors, 3. G. H. Gatch, *Pres.;* J. S. Polk, *Sec. & Treas.* GENERAL OFFICE, Equitable Block, Des Moines, Ia.

Des Moines Street RR Co. Main line, 22 miles (of which 15 miles are operated by electricity); gauge, 4 ft. 8½ in.; rail, 45, 52, and 60 lbs. This company was formed by a consolidation of the Des Moines Broad Gauge Street Ry. Co., the Des Moines and Sevastapol St. Ry. Co., and the Des Moines St. Ry. Co. Owns 125 horses, 20 motors, and 52 cars. J. S. Polk, *Pres.;* Simon Casody *Treas.;* G. B. Hippee, *Sec. & Gen. Man.;* W. S. Jerveel, *Supt.* GENERAL OFFICE, 205 Fifth St., Des Moines, Ia.

Dubuque Electric Light and Power Co. Main line, 7 miles; gauge, 4 ft. 8½ in.; rail, 50 lbs. Chartered Dec. 4, 1889; road under construction and expected to be completed by June, 1890. To be operated by Sprague system of electricity. Owns 12 cars (10 of which are motor cars). Capital stock ($500,000 authorized), $431,000; funded debt, 1st mtge. 6 p. c. 20-year gold bonds, due March 1, 1910, interest payable March and September ($285,000 auth.), $160,000—total stock and bonds, $591,000. *Contra:* Cost of road, equipment, electric light, plant, etc, $460,000; other assets, $131,000—total $591,000. Interest payable at the Bay State Trust Co., Boston, Mass.; dividends payable at Davenport, Ia. Wm. L. Allen, *Pres.;* Thos. O. Swivey, *Sec. & Treas.,* Davenport, Ia.; Wm. T. Griffith, *Supt.,* Dubuque, Ia. GENERAL OFFICES, Davenport, Ia., and 62 State St., Boston, Mass.

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Dubuque Street Ry. Main line, 8 miles; gauge, 4 ft. 8½ in.; rail, 52 lbs.; owns 70 horses and 22 cars. Capital stock, $50,000. *Directors:* Joseph A. Rhomberg, B. E. Linehan, A. L. Rhomberg, D. Rhomberg, D. W. Linehan, J. J. Linehan, Dubuque, Ia. *Officers:* James A. Rhomberg, *Pres. & Supt.;* B. E. Linehan, *Sec. & Treas.* GENERAL OFFICE, Conler Ave. and Twenty-first St., Dubuque, Ia.

Eleventh Street Elevator. Co. Main line, 700 feet, cable; owns 2 gripcars. W. P. Large, *Pres.;* S. S. Winall, *Sec. & Treas.;* N. Duncan, *Supt.* GENERAL OFFICE, Dubuque, Ia.

Fort Madison Street Ry Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 20 and 30 lbs.; owns 30 mules and 6 cars. Chartered June 4, 1887; opened Ju y 18, 1888. Capital stock, $100,000. Cost of road and equipment, $25,000. J. B. Morrison, *Pres.;* S. S. Benedict, *Vice-Pres.;* Howel Jones, *Sec.;* James T. Ritchie, *Treas.;* H. F. Heath, *Supt.* GENERAL OFFICE, Fort Madison, Ia.

Keokuk Electric Street Ry and Power Co. Main line (under construction), 7 miles; gauge, 4 ft. 8½ in.; rail, 27 lbs.; owns 6 motors, 6 cars, and 3 other vehicles. Chartered, January 31, 1890. This company is successor to the Keokuk Street Ry. Co. Capital stock, $300,000. *Directors:* M. H. King, O. J. Chapman, Chas. Mitchell, H. J. Ranson and W. H. McCanaughy. *Officers:* M. H. King, *Pres.;* O. J. Chapman, *Sec. & Supt.;* H. J. Ranson, *Treas.* GENERAL OFFICE, Keokuk, Ia.

Lake Manawa Ry. Co. Main line, 4.5 miles; gauge, 4 ft. 8½ in.; rail, 25 lbs.; owns 4 steam motors and 8 cars. F. C. Reed, *Pres. & Treas.;* W. F. Supp, *Sec. & Gen. Man.* GENERAL OFFICE, Council Bluffs, Ia.

Marshalltown Street Ry. Co. Main line, 2.50 miles; gauge, 4 ft.; rail, 25 lbs. Opened March 1, 1889. Owns 16 horses and 7 cars. Capital stock, $25,000. C. C. Gilman, *Pres.;* A. E. Shorthill, *Sec. & Gen. Man.;* J. L. Williams, *Treas.* GENERAL OFFICE, Marshalltown, Ia.

Mineral Springs Street Ry. Main line, 1 mile; gauge, 3 ft. 6 in.; rail, 16 lbs.; owns 1 car and 4 horses. L. E. Gay & Co., *Proprietors.* GENERAL OFFICE, Ottumwa, Ia.

Muscatine City Ry. Co. Main line, 3.50 miles; gauge, 3 ft. 6 in.; rail, 24 lbs.; owns 20 horses, 16 mules and 9 cars. Fred. Daut, *Pres.;* J. Carskaddan, *Vice-Pres.;* A. G. Butler, *Sec.;* Samuel M. Hughes, *Treas.;* J. M. Gardner, *Supt.* GENERAL OFFICE, cor. Third and Mulberry Sts., Muscatine, Ia.

Ottumwa Ry., Electric and Steam Co. Main line, 4½ miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; owns 16 mules, 2 horses and 9 cars. W. R. Dunn, *Pres.;* J. W. Gurney, *Vice-Pres.;* Geo. P. Dunn, *Sec. & Treas.;* W. L. Dowd, *Supt.* GENERAL OFFICE, Ottumwa, Ia.

People's Street Railway Co. Main line, 2 miles; gauge, 3 ft. 6 in.; rail, 20 and 27 lbs. Chartered in July, 1887; opened October 12, 1887. Cars, 2; horses, 12. Cars run, 40,000 miles; passengers carried, 82,400. Gross earnings, year ending December 31, 1889, $4,120; expenses, $2,090; net earnings, $2,030. Paid dividends, $960—surplus, $1,570. Capital stock, $12,000. Cost of road and equipment, $12,000. W. G. Clark, *Pres.;* W. E. Knox, *Treas.;* W. M. Peatman, *Sec. & Supt.* GENERAL OFFICE, Centerville, Ind.

Red Oak Street RR. Co. Main line, 1.25 miles; gauge, 4 ft. 8 in.; rail, 20 lbs.; owns 4 horses, 2 mules and 2 cars. Capital stock, $7,500. *Directors:* M. Bonham, T. E. Looms, Jno. Hayes, Ed. Hayes, Red Oak, Ia. Jno. Hayes, *Pres.;* E. Hayes, *Vice-Pres.;* M. Bonham, *Supt. & Treas.;* T. M. Bryket, *Sec.* GENERAL OFFICE, Red Oak, Ia.

Sioux City and Highland Park Motor Ry. Co. Main line, 6 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; owns 11 cars and 2 steam motors. W. W. Byam, *Pres.;* W. C. Hutchins, *Treas.;* F. B. Hutchins, *Sec.;* S. B. Jackson, *Supt.* GENERAL OFFICE, Sioux City, Ia.

Sioux City and Morning Side Street Ry. Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs. Chartered in March, 1888; road opened in September, 1888. Owns 2 dummy engines and 4 cars. Number of passengers carried, about 120,000 per year. Earnings—passenger, $6,000. Expenses and taxes, $5,000. Capital stock, $1,000,000. Cost of road and equipment to January 1, 1890, $150,000. The company has let a contract for an elevated road, about 1½ miles, into the centre of the city, to be completed one year hence, the estimated cost of which will be $300,000. *Directors:* D. T. Hedges, A. S. Garretson, Jas. A. Jackson, E. C. Peters, Wm. Gordon. *Officers:* E. C. Peters, *Pres. and Supt.;* Jas. A. Jackson, *Vice-Pres.;* A. S. Garretson, *Treas.;* Wm. Gordon, *Sec. & Pur. Agt.* GENERAL OFFICE, Opera House Building, Sioux City, Ia.

Sioux City Street Ry. Co. Main line, 12 miles; gauge, 4 ft.; rail, 27 to 45 lbs. Owns 75 mules, 100 horses and 22 cars. Chartered December 12, 1883; opened January, 1884. Operated by Sprague system of electricity. Passengers carried in 1888, 1,000,000. Capital stock, $300,000; cost of road and equipment, $300,000. *Directors:* A. B. Peavey, Frank H. Peavey, James F. Peavey, C. L. Wright, Sioux City, Ia. *Officers:* Jas. F. Peavey, *Pres.;* Frank H. Peavey, *Vice-Pres.;* C. L. Wright, *Sec. & Treas.* GENERAL OFFICE, Sioux City, Ia.

Union RR. Co. Main line, 8.5 miles; gauge, 4 ft. 8½ in.; owns 90 horses, 20 mules and 22 cars. Electric power under consideration. Geo. A. Duncan, *Pres.;* F. G. Jones, *Sec. & Treas.;* J. C. Killam, *Sup.;* S. W. Snyder, *Pur Agt.* GENERAL OFFICE, Burlington, Ia.

Waterloo Street Railway Co. Main line, 2 miles; gauge, 3 feet.; rail, 20 lbs.; owns 9 horses, 3 cars and 4 other vehicles. Chartered July 31, 1885; opened Oct. 1, 1885. Capital stock, $40,000. *Directors:* T. N. Kellogg, J. A. Foye, W. H. Hartman, Waterloo, Ia. *Officers:* Geo. D. Clinger, *Pres;* J. B. Myers, *Vice-Pres. & Supt.;* J. H. Goodrich, *Sec.;* J. W. Krapfel, *Treas.* GENERAL OFFICE, Commercial St., Waterloo, Ia.

STATE OF KANSAS.

Abilene Street Ry. Co. Main line, 3.75 miles; gauge, 4 ft.; rail, 20 lbs.; owns 3 cars and 18 mules. M. M. Shipe, *Pres. & Supt.;* J. M. Fleiner, *Treas.;* A. C. Marconnier, *Sec.* GENERAL OFFICE, 29 Second St., Abilene, Kan.

Atchison Street RR. Co. Main line, 9 miles; gauge, 4 ft. 8½ in.; rail, 20 to 36 lbs.; owns 80 horses and 20 cars; also 3 other vehicles. This road has been sold. Electricity will be substituted for the motive power. John Weber, *Pres.;* Geo. Storch, *Treas.;* W. L. Bailey, *Sec.;* Geo. T. Ada, *Supt.* GENERAL OFFICE, 311 Main St., Atchison, Kan.

Beloit City Street Ry. Co. Main line, 2 miles. Capital stock, $75,000. D. W. Soper, *Pres.;* M. S. Atwood, *Treas.;* F. T. Burnham, *Sec.* GENERAL OFFICE, Beloit, Kan.

Bourbon County Street Ry. Co. Main line, 7 miles; gauge, 4 ft.; rail, 16 and 24 lbs.; owns 40 horses, 10 cars and 2 wagons. Gross earnings, year ending January 31, 1889, $10,670.25; expenses and taxes, $7,160; net earnings, $3,510.25. Capital stock, $20,000. Cost of road and equipment, $37,000. Road sold to the Davenport and Fort Scott Investment. Co. Electricity being substituted for present motive power. E. W. Brady, *Pres.;* S. P. Mosher, *Sec. & Supt.;* A. L. Hughes, *Treas.* GENERAL OFFICE, Fort Scott, Kan.

Citizens' Street Ry. Co. of Wellington. Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 16 lbs.; owns 16 horses and mules, and 5 cars. J. G. Woods, *Pres.;* J. D. Alexander, *Treas.;* D. A. Espey, *Sec. & Supt.* GENERAL OFFICE, Wellington, Kan.

City Ry. Co. Main line, 1.50 miles; gauge, 4 ft.; rail, 28 lbs.; cars, 6; horses, 12. T. E. Simpson, *Pres.;* Geo. Kuhns, *Sec.;* Geo. Stewart, *Treas.* GENERAL OFFICE, Pratt, Kan.

Clay Center Ry. Co. Main line, 2 miles; gauge, 4 ft. 8½ in.; rail, 24 lbs.; owns 4 cars, 4 horses and 10 mules. Capital stock, $100,000. G. M. Stratton, *Pres. & Supt.;* J. M. Frank, *Vice-Pres.;* Wm. Sharpe, *Sec. & Treas.* GENERAL OFFICE, 368 Lincoln Ave., Clay Center, Kan.

Council Grove Street Ry. Co Main line, 1 mile; gauge, 3 ft. 6 in.; rail, 18 lbs. Chartered June, 1886; opened August 23, 1886. Owns 5 mules and 2 cars. Capital stock, $21,000. W. H. White, *Pres.;* H. W. Gildemeister, *Treas. & Sec.;* Lewis Mead, *Gen. Supt.* GENERAL OFFICE, Council Grove, Kan.

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East Side Street Ry. Co. Main line, 10 miles; gauge, 4 ft. 8½ in.; rail, 35 to 45 lbs.; cars, 9; motors, 3. A. G. Bradstreet, *Rec.*; W. W. Bright, *Supt.* GENERAL OFFICE, Topeka, Kan.

El Dorado City Street Ry. Co. Road not in operation. John Fonch, *Pres.*; F. P. Gellesple, *Treas.*; Robt. H. Haslett, *Sec.* GENERAL OFFICE, El Dorado, Kan.

Emporia City Ry. Co. Main line, 3.5 miles; gauge, 3 ft. 6 in.; rail, 20 lbs.; owns 20 mules, and 8 cars. Van R. Holmes, *Pres.*; A. F. Crowe, *Treas.*; J. D. Holden, *Man.* GENERAL OFFICE, Emporia, Kan.

Garden City Street Ry. Co. GENERAL OFFICE, Garden City, Kan.

Great Bend City Ry. Co. Main line, 3 miles; rail, 25 lbs.; owns 4 cars and 6 mules. D. N. Heizer, *Pres.*; E. W. Moses, *Treas.*; A. C. Schermerhorn, *Sec. & Supt.* GENERAL OFFICE, Great Bend, Kan.

Hartland Street Ry. Co. Main line, 2 miles; gauge, 3 ft. 6 in.; rail, 20 lbs. E. S. Snow, *Pres.*; J. T. Kirkland, *Treas.*; Geo. Stallard, *Sec.*; W. S. Handy, *Supt.* GENERAL OFFICE, Hartland, Kan.

Hutchinson Street Ry. Co. Main line, 8 miles; gauge, 4 ft. 6 in.; rail, 20 lbs.; cars, 10; horses, 14; mules, 34. A. L. Forsha, *Pres.*; John Severance, *Vice-Pres.*; Fred. A. Forsha, *Sec. & Man.* GENERAL OFFICE, Hutchinson, Kan.

Inter State Consolidated Rapid Transit (Cable) Ry. Co. Main line, 7.85 miles; cable line, 2.25 miles—total, 10.10 miles; gauge, 4 ft. 8½ in.; rail, 40, 50, and 62 lbs.; owns 82 coaches, 12 grip-cars, 7 cable cars and 17 motors. David M. Edgerton, *Pres. & Rec.*; D. D. Hoag, *Sec.*; D. E. Tyler, *Par. Agt.*, Kansas City, Mo.; Thos. E. Lewis, *Supt.* GENERAL OFFICE, Odd Fellows' Building, Kansas City, Mo.

Junction City and Ft. Riley Street Ry. Co. Projected road, 4 miles. Jno K. Wright, *Pres.*; C. L. Libton, *Sec.*; C. H. Trott, *Treas.* GENERAL OFFICE, Junction City, Kan.

Larned Street Ry. Co. Main line, 1.25 miles; gauge, 3 ft. 9 in.; owns 4 mules and 2 cars. Chartered April 1, 1887; road opened September 1, 1887. *Operations* for 1889.—Passengers carried, 400; tons of freight moved, 2. Earnings, passenger, $200; other sources, $40—total, $240. Capital stock, $30,000. Cost of road, $5,400. Wm. Scott, *Pres.*; L. Silvey, *Vice-Pres. & Gen. Supt.*; G. H. Mize, *Sec.*; M. K. Krieler, *Treas.* GENERAL OFFICE, cor. Broadway and Sixth St., Larned, Kan.

Lawrence Transportation Co. Main line, 2.5 miles; gauge, 4 ft., 1 in.; rail, 38 lbs.; owns 52 horses and mules, 9 cars, 4 omnibuses, and 2 baggage-wagons. *Directors:* H. Tisdale, W. N. Bangs, George Fricker, Lawrence, Kan.; J. W. Parker, R. L. Pease, Atchison, Kan. *Officers:* H. Tisdale, *Pres. & Treas.*; W. N. Bangs, *Sec.*; W. McElheny, *Supt.* GENERAL OFFICE, Lawrence, Kan.

Leavenworth and Suburban Street Ry. Co. Main line, 5 miles; gauge, 4 ft. 8½ in.; rail, 22 lbs.; owns 14 cars, 3 other vehicles, and 53 horses and mules. Cars run during 1888, 220,000 miles; passengers carried, 205,679; average fare, 5 cents. Capital stock, $100,000; funded debt, $100,000. Geo. A. Baker, *Pres. & Supt.*; W. F. Putnam, *Treas.*; E. G. McInnes, *Sec.* GENERAL OFFICE, Leavenworth, Kan.

Leavenworth Rapid Transit Co. Main line, 10 miles; gauge 4 ft. 8½ in.; rail, 56 lbs.; cars, 10; motors, 5. Controlled by the K. C., W. & N. W. Ry. Co. GENERAL OFFICE, Leavenworth, Kan.

McPherson Street Ry. Co. Main line, 5 miles; gauge, 3 ft. 6 in.; rail, 20 lbs. Chartered February 5, 1886; opened June, 1887. Owns 25 horses and 3 cars. Capital stock, $100,000. Estimated cost of road and equipment, and other property, $132,750. Wm. West, *Pres. & Supt.*; B. S. Bonney, *Treas.*; John D. Milliken, *Sec.* GENERAL OFFICE, McPherson, Kan.

Newton City Street Ry. Co. Main line, 6 miles; gauge, 3 ft. 6 in.; rail, 20 lbs.; cars, 8; mules, 24. Capital stock, $80,000. A. Moore, *Pres.*; W. G. Oldfield, *Sec. & Treas.* GENERAL OFFICE, Newton, Kan.

Ottawa Street Ry. Co. Main line, 2 miles; gauge, 4 ft. 8½ in.; rail, 20 and 30 lbs.; mules, 14; cars, 4. J. P. Harris, *Pres.*; J. W. Pollock, *Treas.*; C. D. Crane, *Sec.*; D. Miller, *Supt.* GENERAL OFFICE, Ottawa, Kan.

Rapid Transit Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 57 lbs. Owned by the K. C., W. & N. W. Ry. Co. GENERAL OFFICE, Leavenworth, Kan.

Riverside and Suburban Electric Ry. Co. Main line, 15 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs. Chartered August 11, 1886; road opened November 15, 1888, and May 31, 1889. Owns 20 cars, 3 dummy engines, 3 other vehicles, and 2 horses and mules. Average number of passengers carried daily, 1,500. Capital stock, $200,000; funded debt (1st mtge. Riverside & Suburban Ry. 6 per cent. 10-year bonds, due January 1, 1899, interest payable January and July, $60,000; 1st mtge. Wichita & Suburban Beach 7 per cent. 10-years bonds, due December 1, 1897, and June 1, 1898, interest payable June and December, $30,000), 90,000—total, $290,000. *Contra;* cost of road and equipment, $200,000; other investments, 90,000—total, $290,000. Interest payable at American Loan & Trust Co. and Charter Oak National Bank, Boston, Mass.; dividends, at Wichita, Kan. J. O. Davidson, *Pres.*; Thos. G. Fitch, *Sec., Treas. & Man.*; F. W. Sweet, *Supt.* GENERAL OFFICE, Wichita, Kan.

Salina Street Ry. Co. Main line, 3 miles; gauge, 3 ft. 6 in.; rail 20 lbs.; owns 4 cars and 24 horses. Capital stock $10,000; cost of road and equipment, $10,000. E. W. Ober, *Pres. & Supt.*; Oscar Seitz, *Vice-Pres.*; A. L. Dodge, *Sec.*; M. D. Teague, *Treas.* GENERAL OFFICE, Salina, Kan.

The Consolidated Street Ry. Co. Main line, 2.3 miles; gauge, 3 ft. 6 in.; rail, 30 lbs.; owns 8 horses, 2 cars and one other vehicle. Road opened August 23, 1887. *Operations* for year ending December 31, 1889.—Earnings, passengers, $3,643.81; expenses, 1,938.35; net earnings, $1,705.46. Capital stock, $60,000. Cost of road and equipment, $11,080.67. Will Adare, *Pres.*; J. M. Tuttle, *Treas.*; W. I. Hey, *Acting Sec. & Pur. Agt.*; W. H. Holsinger, *Gen. Supt.* GENERAL OFFICE, Strong City, Kan.

The Hutchinson Street Ry. Co. Main line, 8½ miles; gauge, 4 ft 6 in.; rail 20 lbs. Chartered in September, 1886; road opened April 15, 1887. Owns 10 cars and 48 horses. Cars run, 175,200 miles; number of passengers carried, 323,124; average fare, 4 cents. Earnings, $13,924.96; expenses and taxes, $11,276, 18; net earnings, $2,648.78. Capital stock, $50,000; cost of road and equipment, $60,000; other assets, $10,000. *Directors:* John Severance, John Puterbank, A. L. Forsha, H. Raff, John F. Smith, Fred A. Forsha, Hutchinson, Kan. *Officers:* Fred A. Forsha, *Pres.*; D. Richardson, *Sec. & Treas.*; L. A. Bigger, *Supt.* GENERAL OFFICE, Hutchinson, Kan.

Topeka Belt Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs.; owns two steam motors and 11 cars. Chartered November, 9, 1887; road opened May 1, 1888. Capital stock, $1,000,000; funded debt, $500,000, consisting of 1st mtge and collateral trust 6 per cent. bonds, due April 1, 1919, interest payable April and October. *Directors:* G. F. Parmelee, G. H. Nolte, C. S. Gleed, E. Wilder, J. W. Gleed, Topeka, Kan.; F. C. Cordley, Boston, Mass. *Officers:* C. S. Gleed, *Pres.*; G. H. Nolte, *Sec. & Treas.*; E. H. Littlefield, *Supt.* GENERAL OFFICE, Bank of Topeka Building, Topeka, Kan.

Topeka City Ry. Co. Main line, 16 miles; gauge, 4 ft. 8½ in.; owns 186 horses, 51 cars and two other vehicles. Chartered August 8, 1881; opened September 1, 1881. Capital stock, $200,000; funded debt, 1st mtge. 6 per cent. 20-year bonds, due September 1, 1901, interest payable March and September, at the Bank of North America, Boston, Mass., $121,000. *Directors:* J. W. Gleed, G. F. Parmlee, E. Wilder, C. S. Gleed, T. D. Thatcher, G. H. Nolte, Topeka, Kan.; F. R. Cordley, Boston, Mass. *Officers:* Chas. S. Gleed, *Pres.*; G. H. Nolte, *Sec. & Treas.*; E. H. Littlefield, *Supt.* GENERAL OFFICE, Bank of Topeka Building, Topeka, Kan.

Topeka Rapid Transit Street Ry. Co. Main line, 12 miles; gauge, 4 ft. 8½ in.; rail, 48 and 40 lbs.; owns 30 steam motors and 15 cars. J. B. Bartholomew, *Pres.*; John Norton, *Treas. & Sec.*; J. M. Patton, *Gen. Man.* GENERAL OFFICE, Topeka, Kan.

Union Street Ry. Co. Main line, 4.5 miles; gauge, 4 ft.; rail, 20 and 30 lbs.; owns 20 mules, 5 cars and 1 other vehicle. Capital stock, $25,000. Cost of road and equipment, $25,000; other assets, $5,000. Wm. Matthewson, *Pres.*; W. J. Kennedy, *Sec.*; Geo.

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W. Robinson, *Treas.;* C. Ferguson, *Supt.* GENERAL OFFICE, Winfield, Kan.

Western Kansas Street Railway and Transfer Co. Main line, 28 miles; gauge, 4 ft. 8½ in.; rail 60 lbs.; owns 20 cars and 50 horses. F. P. Stirns, *Pres.;* J. D. Jones, *Treas.;* H. H. Eaton, *Sec.* GENERAL OFFICE, Dighton, Kan.

West Side Circle Ry. Co. Main line, 5 miles; gauge, 4 ft 8½ in.; rail 35 lbs.; owns 4 cars and 3 steam motors. Capital stock, $50,000. Thos. A. Osborn, *Pres.;* P. I. Bonebrake, *Treas.;* R. H. Delahay, *Sec.* GENERAL OFFICE, Topeka, Kan.

Wichita and Valley Center Motor R.R. and Land Co. Main line, 14 miles; gauge, 4ft. 8½ in.; rail, 40 lbs.; owns 7 cars, 20 mules and 3 steam motors. E. R. Powell, *Pres.;* A. C. Race, *Sec. & Gen. Man.* GENERAL OFFICE, Wichita, Kan.

Wichita Electric Ry. Co. Main line, 36 miles; gauge, 3 ft. 6 in.; rail, 24 lbs. Consolidation, April 10, 1890, of the Wichita Street Ry. Co. and the Riverside and Suburban Ry. Co. Owns 200 mules, 65 cars, 4 dummy engines and 8 electric motors; capital stock, $500,000. *Directors:* J. O. Davidson, Thomas G. Fitch, Geo. L. Rouse, B. H. Campbell, C. A. Walker, Wichita, Kan. *Officers:* J. O. Davidson, *Pres.;* Robert E. Lawrence, *Vice-Pres.;* Thos. G. Fitch, *Treas. & Supt.;* Wm. B. Ryder, *Sec.* GENERAL OFFICE, Citizens' Bank Building, Wichita, Kan.

Wichita Rapid Transit Co. Main line, 4 miles; gauge, 3 ft. 6 in.; rail, 25 lbs.; owns 6 cars and 2 steam motors. H. Schweiter, *Pres.;* J. A. Edwards, *Sec.;* C. S. Eichhortz, *Supt.* GENERAL OFFICE, 517 Douglas Ave., Wichita, Kan.

STATE OF KENTUCKY.

Central Passenger Street RR. Co. Main line, 48 miles; branches, 4 miles; leased lines, 8 miles; total length of road operated, 60 miles. (Leased to the Louisville Ry. Co.) Owns 167 cars; 12 electric motors and 900 mules. Passengers carried, year ending Dec. 31, 1888, 8,000,000; earnings, $400,000. Capital stock, $700,000; funded debt, $400,000. B. du Pont, *Pres.;* T. J. Minary, *Gen. Man.;* T. C. Donigan, *Sec.* GENERAL OFFICE, 500 Twelfth Street, Louisville, Ky.

Henderson Street Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 20 lbs.; owns 6 cars, 14 horses and 19 mules. David Banks, Jr., *Pres.;* Jno. W. O'Brien, *Supt.;* Paul H. Banks, *Sec.;* E. G. Sebree, *Gen. Man.* GENERAL OFFICE, Henderson, Ky.

Kentucky Street RR. Co. Main line, 55 miles; gauge, 5 ft.; rail, 52 lbs.; cars, 156; horses, 800; electric motors, 12. B. du Pont, *Pres.;* T. C. Donigan, *Sec.;* T. J. Minary, *Gen. Man.* GENERAL OFFICE, 12th and Jefferson Sts., Louisville, Ky.

Lexington City RR. Co. Main line, 9 miles; gauge, 4 ft. 10 in.; rail, 16 and 20 lbs.; owns 106 mules and 22 cars. R. R. Metcalfe, *Pres & Treas.;* C. R. Diver, *Vice-Pres.;* B. F. Carpenter, *Sec.;* A. G. Morgan, *Supt.* GENERAL OFFICE, Lexington, Ky.

Louisville City Railway Co. (Leased to the Louisv. Ry. Co.) Main line, 70 miles; gauge, 5 ft.; rail, 42 to 58½ lbs.; owns 1,500 mules, 256 cars and 10 other vehicles. *Directors:* A. H. Davis, Syracuse, N. Y.; James B. Speed, St. John Boyle, Theodore Harris, A. P. Humphrey, H. H. Littell, E. C. Bohne, Louisville, Ky. *Officers:* A. H. Davis, *Pres.;* St. John Boyle, *Vice-Pres.;* R. A. Watts, *Sec. & Treas.* GENERAL OFFICE, 500 Twelfth St., Louisville, Ky.

Louisville Ry. Co. This company has been organized for the purpose of acquiring the railway, real estate, and other property of the Central Passenger St. Ry. Co., and the Louisville City Ry. Co., and all other organizations operating street railways in the city of Louisville, Ky. In addition this company has constructed and is operating about 3 or 4 miles of electric railway. *Directors:* Alex. H. Davis, Syracuse, N. Y.; St. John Boyle, A. V. du Pont, H. H. Littell, Thos. J. Minary, B. du Pont, James B. Speed, Louisville, Ky. *Officers:* James B. Speed, *Pres.;* H. H. Littell and T. J. Minary, *Joint Man.;* Robt. A. Watts, *Act. Sec. & Treas.* GENERAL OFFICE, 500 Twelfth St., Louisville, Ky.

Maysville St. RR. and Transfer Co. Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 20 lbs.; owns 5 horses, 32 mules, and 6 cars. L. Robertson, *Pres.;* W. S. Frank, *Treas., Sec., Pur, Agt. & Supt.;* James Limbrick, *Supt. Car. Rep.* GENERAL OFFICE, Court St., Maysville, Ky.

Middlesborough Belt Ry. Co. (Under construction.) Main line, 13 miles; branches, 5 miles—total, 18 miles. Chartered in December, 1890; road expected to be fully completed and opened by May 15, 1890. Cost of road and equipment, $14,500 per mile. Alex. A. Arthur, *Pres.;* E. E. Malcolm, *Sec.;* Jno. B. Cary, *Treas.* GENERAL OFFICE, Middlesborough, Ky.

Newport and Dayton Street Ry. Co Main line, 2 miles; gauge, 5 ft. 2½ in.; rail, 30, 38 and 42 lbs.; owns 40 horses and 10 cars. W. W. Bean, *Pres., Sec., Treas., Supt. & Pur. Agt.;* Chas. S. Beach, *Mast. Tr. Rep.* GENERAL OFFICE, Dayton, Ky.

Owensboro' City RR. Co. Main line, 3.75 miles; gauge, 4 ft. 8½ in.; rail, 20 lbs.; owns 19 mules and 9 cars Road opened February 17, 1887. Capital stock, $25,000. Jno. Gilmore, *Pres.;* J. D. Powers, *Sec.;* John Waudling, *Treas.;* W. D. Alsop, *Supt.* GENERAL OFFICE, cor. Main and Pearl Sts., Owensboro', Ky.

Paducah Street Ry. Co. Main line, 5.5 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; owns 14 cars and 31 horses. Capital stock, $14,000; funded debt, $40,000; 1st mtge. 6 per cent. 30-year bonds, due in 1917. Geo. C. Thompson, *Pres.;* Henry Burnett, *Vice-Pres.;* A. S. Thompson, *Treas. & Gen. Man.;* W. S. Dick, *Supt.* GENERAL OFFICE, Paducah, Ky.

Park RR. Co. Main line, 2 miles; owns 8 horses and 3 cars. H. H. Houston, *Pres., Sec. & Treas.;* P. Muller, *Supt.* GENERAL OFFICE, Paducah, Ky.

South Covington and Cincinnati Street Ry. Co. Main line, 25.25 miles; gauge, 5 ft. 2½ in.; rail, 45 lbs.; owns 370 horses and 61 cars. Operated by Short system of electricity. E. F. Abbott, *Pres.;* G. M. Abbott, *Treas & Sec.* GENERAL OFFICE, 402 Scott St., Covington, Ky.

STATE OF LOUISIANA.

Algiers and Gretna Ry. Co. Main line, 3.1 miles; gauge, 3 ft.; rail, 30 lbs.; owns 17 horses and 3 cars. J. E. Auvrey, *Pres.;* Wm. Bagel, *Sec. & Treas.;* John Reaney, *Supt.* GENERAL OFFICE, New Orleans, La.

Canal and Claiborne RR. Co. Main line, 13.5 miles; gauge, 5 ft. 2 in.; rail, 37, 45 and 50 lbs.; owns 220 mules and 40 cars. Chartered June 26, 1888. Passengers carried year ending December 31, 1888, 2,000,000; earnings, $100,000; capital stock, $240,000; funded debt, $150,000. Cost of road, equipment and real estate, $240,000. *Directors:* E. J. Hart, E. J. Hart, Jr., W. B. Schmidt, C. K. Hall, B. J. Montgomery, J. N. Marks, Dr. J. H. B. Hart, New Orleans, La. *Officers:* E. J. Hart, *Pres.;* Jos. H. De Grange, *Sec., Treas., Supt. & P. A.* GENERAL OFFICE, 6 Camp St., New Orleans, La.

Crescent City RR. Co. Main line, 26 miles; gauge, 5 ft. 2½ in.; rail, 35 and 40 lbs.; owns 400 horses and 90 cars. W. J. Behan, *Pres.;* J. R. Juden, *Sec. & Treas.;* A. V. Smith, *Supt.* GENERAL OFFICE, Canal and Wells Sts., New Orleans, La.

New Orleans and Carrollton RR. Co. See GENERAL INDEX POOR'S MANUAL OF RAILROADS.

New Orleans City and Lake RR. Co. Main line, 60 miles; gauge, 5 ft. 2½ in.; rail, 48 lbs.; mules, 825; cars, 170; dummy engines, 7; coaches, 40. This company embraces the Camp and Prytania line, Canal Street line, Canal Street Steam Railway to West End, Esplanade Avenue line, Esplanade and Bayou Bridge line, Espianade and French Market line, Levee and Barracks line, Magazine Street line, Rampart and Dauphine line, and the Barracks and Slaughter-house line. *Directors:* H. Gally, Albert Baldwin, R. M. O'Brien, I. L. Lyons, Jno. Stumpf, Robert Manson, E. J. Demorest, J. J. Manson, Chas. Macready, Aug. Koenig, Chas. F. Buck, J. A. Walker. *Officers:* J. A. Walker, *Pres.;* W. E. Leverich, *Sec.;* F. Wintz, *Supt.* GENERAL OFFICE, 102 Canal St., New Orleans, La.

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New Orleans, Spanish Fort and Lake RR. Co. Main line, 6.7 miles; gauge, 4 ft 8½ in.; owns 27 cars and 6 dummy engines. Present company chartered March 31, 1879; road opened in 1876. Gross earnings, year ending December 31, 1889, $12,223.85; expenses and taxes, $19,324.93. Capital stock, $200,000; funded debt, $300,000. Charles Schiff, *Pres.*, Cincinnati, O.; John Glynn, Jr., *Sec. & Treas.*; A. Clark, *Supt.* GENERAL OFFICE, New Orleans, La.

Orleans Street Railway Co. Main line, 9.5 miles; gauge, 5 ft. 2½ in.; rail, 35 lbs.; owns 86 horses, 96 mules and 32 cars. *Directors:* H. Larquie, S. Hernsheim, B. Boenhay, R. Vlosca, F. Lisnougl, J. Ferran, G. Esnard. *Officers:* H. Larquie, *Pres., Supt. & P. A.*; P. Cougot, *Sec. & Treas.* GENERAL OFFICE, White and Leharpe Sts., New Orleans, La.

Shreveport Street Ry. Co. Main Line, 1.5 miles; gauge, 4 ft. 8½ in.; rail, 46 lbs.: owns 14 horses and 6 cars. Peter Younce, *Pres., Sec. & Supt.* GENERAL OFFICE, Shreveport, La.

St. Charles Street RR. Co. Main line, 15 miles; gauge, 5 ft. 2½ in.; rail, 35 and 40 lbs.; owns 260 mules and 64 cars. Chartered September 27, 1866; opened October 1, 1866. Capital stock, $600,000. Funded debt, first mortgage 6 per cent. bonds, $180,000. Dividends paid quarterly at company's office; interest payable June and December, at New Orleans and New York, N. Y. *Directors:* Alden McLellan, Wm. H. McLellan, A. R. Brousseau, H. C. Boucher, Henry Ellermann, Oscar Isnard, H. T. Vennard, New Orleans, La. *Officers:* Alden McLellan, *Pres., Supt., Pur. Agt., etc.*; V. Riviere *Sec.* GENERAL OFFICES, Carondelet and Eighth Sts., New Orleans, La.

STATE OF MAINE.

Bangor Street Ry. Co. Main line, 3.25 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs. Chartered in 1887; road opened May 21, 1889. Operated by electricity. Electric motors owned, 9; cars run, 33,362 miles; passengers carried, 215,547; average fare, 5½ cents. Earnings from May 21, 1889, to September 30, 1889, $11,433.79; expenses and taxes, $5,377.34; net earnings, $6,056.45. Paid interest on bonds, $700. Surplus, $5,356.45. Capital stock, $2 0,000; funded debt, 1st mortgage 6 per cent. 20-year bonds, due August 1, 1909, interest payable February and August ($200,000 authorized), $70,000; unfunded debt, $6,989.74—total, $283,046.19. *Directors:* Frederick M. Laughton, Francis H. Clergne, E. M. Hersey. *Officers:* Frederick M. Laughton, *Pres.*; M. H. Wardwell, *Sec.*; Francis H. Clergne, *Treas.* GENERAL OFFICE, Bangor, Me.

Biddeford and Saco Horse RR. Co. Main line, 5.73 miles; sidings, .3 mile; gauge, 4 ft. 8½ in.; rail, 35 lbs. Chartered in 1887; road opened July 9, 1888; owns 80 horses, 12 cars and 3 herdics. *Operations* for year ending December 30, 1889.—Cars run, 79,930 miles; passengers carried, 268,838. Earnings, $18,819.42; expenses, $16,404.88. Net earnings, $2,414.54. Paid interest on bonds, $2,400; sinking fund charges, $800—total, $3,200. General balance sheet, September 30, 1889: Capital stock, $40,000; funded debt, 6 per cent. bonds, due July 1, 1908, interest payable January and July, $40,000; unfunded debt, $6,330; profit and loss, $1,817.61—total liabilities, $88,147.61. *Contra:* Construction and equipment, $87,236.36; other assets, $921.25—total assets, $88,147.61. Interest payable at First National Bank, Biddeford, Me. *Directors:* Stephen F. Shaw, E. H. Banks, Carl Heard, C. H. Prescott, Biddeford, Me.; S. S. Mitchell, Horace Woodman, H. E. Hill, Saco, Me.; C. B. Pratt, Harry S. Seeley, Worcester, Mass. *Officers:* Stephen F. Shaw, *Pres.*; Chas. Andrews, *Gen. Man. & Supt.*; C. H. Prescott, *Treas. & Clerk of Corporation.* GENERAL OFFICE, 184 Main St., Biddeford, Me.

Fryeburg Horse RR. Co. Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 16 lbs. Chartered March 3, 1887; opened May 18, 1888; closed for season, November 3, 1888. Owns 3 cars and 1 horse. Passengers carried from May 20 to September 30, 1889, 5,220; earnings, $477.10. Expenses and taxes, $305.56; net earnings, $271.54; payments, $225. Capital stock authorized $20,000; paid in, $5,075; unfunded debt, $918. Cost of road and equipment, $7,709.06. Freeman Hatch, *Pres.*; John Locke, *Treas.*; S. W. Fife, *Sec. & Supt.* GENERAL OFFICE, Fryeburg, Me.

Lewiston and Auburn Horse RR. Co. Main line, 7.7 miles; gauge, 4 ft. 8½ in.; rail, 28, 30 and 50 lbs.; owns 60 horses and 24 cars. *Directors:* Frank W. Dana, J. L. H. Cobb, H. C. Little, J. N. Wood, Lewiston, Me.; M. M. Neal, Geo. C. Wing, Frank R. Conant, Auburn, Me. *Officers:* F. W. Dana, *Pres.*; R. E. Atwood, *Sec. & Treas.*; J. E. Fairbanks, *Supt.* GENERAL OFFICE, 165 Main St., Lewiston, Me.

Ocean Street RR. Main line, 1.5 miles. Operated by Portland Horse RR. Co. W. R. Wood, *Pres.*; E. A. Newman, *Sec., Treas., Supt. & P. A.* GENERAL OFFICE, 484 Congress St., Portland, Me.

Portland Horse RR. Co. Main line, 10.87 miles; double track, 2.5 miles; sidings, 0.72 mile; gauge, 4 ft. 8½ in.; rail, 35 and 45 lbs. Chartered March 19, 1860; road opened October 13, 1863; owns 223 horses and 52 cars. *Operations* for year ending September 30, 1889.—Passengers carried, 2,373,753. Earnings from passengers, $122,085.01; other sources, $2,109.31—total, $124,194.32. Expenses, $102,567.19. Net earnings, $21,627.13. Paid interest on notes payable, $2,786.67; dividends (5 per cent., February and August, 2½ per cent. each), $10,000—total, $12,786.47. Balance, surplus, $8,840.46. General balance sheet, September 30, 1889: Capital stock, $200,000; notes payable, $43,200; profit and loss, $52,759.43—total liabilities, $295,959.43. *Contra:* Construction and equipment, $223,719.20; real estate, $52,789.83; Ocean Street Railroad, $1,225; other assets, $8,225.40—total assets, $295,959.43. *Directors:* H. J. Libby, W. R. Wood, Charles Forbes, H. M. Hart, Portland, Me.; H. L. Wheeler, Deering, Me. *Officers:* H. J. Libby, *Pres.*; E. A. Newman, *Gen. Man., Treas. & Clerk.* GENERAL OFFICE, Portland, Me.

Waterville and Fairfield Horse RR. Co. Main line, 3.36 miles; gauge, 4 ft. 8½ in.; rail 35 lbs. Road opened in 1888. Owns 25 cars and 4 horses. *Operations* for year ending September 30, 1889.—Cars run 6,289 miles; passengers carried, 94,800. Earnings, $11,621.75; expenses, $10,463.82; net earnings, $1,157.93. General balance sheet, September, 30, 1889: Capital stock, $20,000; funded debt, $20,000; unfunded debt, $539; profit and loss, $2,107.53—total liabilities, $42,646.53; *Contra:* Construction, $18,277.45; equipment, $7,638.16; buildings, $3,430.09; cash on hand, $304.73—total assets, $29,650.43. *Directors:* Geo W. Williams, W. B. Ferguson, Wm. J. Barker, Salem, Mass.; E. F. Webb, S. I. Abbott, Waterville, Me.; A. F. Gould, Fairfield, Me. *Officers:* Geo. W. Williams, *Pres.*; David J. Lord, *Treas.*; E. F. Webb, *Clerk*; Geo. A. Murch, *Supt.* GENERAL OFFICE, Fairfield, Me.

STATE OF MARYLAND.

Baltimore, Brooklyn and Cedar Hill Ry. Co. Proposed line, 10 miles. C. O. Swann, *Pres.*; S. C. Long, *Sec. & Atty.*; T. M. Thompson, *Supt.* GENERAL OFFICE, Baltimore, Md.

Baltimore, Catonsville and Ellicott's Mills Passenger Ry. Co. Main line, 6 miles; gauge, 5 ft. 8½ in.; rail, 35 lbs.; owns 40 horses and 11 cars. Nelson Perin, *Pres.*; W. W. Orndorff, *Sec.*; E. J. D. Cross, *Treas.* GENERAL OFFICE, Pratt St. and Frederick avenue, Baltimore, Md.

Baltimore City Passenger Ry. Co. Main line, 46.75 miles; gauge, 5 ft. 4½ in.; rail, 47 lbs.; owns 1,217 horses, 166 cars and 30 other vehicles: cars run, 3,302,615 miles. *Directors:* Oden Bowie, Gabriel D. Clark, Jackson Holland, Wesley A. Tucker, E. Austin Jenkins, George Small, John Bolgiano, Baltimore, Md. *Officers:* Oden Bowie, *Pres., Supt. & P. A.*; S. L. Bridge, *Sec.*; A. B. Clark, *Treas.*; Boyer Parks, *Mast. Tr. Rep.*; J. M. Blundel, *Mast. Car Rep.* GENERAL OFFICE, Baltimore and Calvert Sts., Baltimore, Md.

Baltimore, Pimlico and Pikesville RR. Co. Main line, 7 miles; gauge, 5 ft. 4 in.; rail, 30 lbs.; owns 18 horses and 4 cars. *Directors:* W. Shirley, S. H. Caughy, D. Walker, Frank Caughy, Baltimore Md; P. H. Walker, Noah Walker, A. Chenoweth, Pikesville, Baltimore County, Md. *Officers:* S. H. Caughy, *Pres.*; F. Caughy, *Sec.*; Arthur Chenoweth, *Treas. & Supt.* GENERAL OFFICE, Pikesville, Baltimore County, Md.

Baltimore and Powhatan Suburban Ry. Co. Main line, 6 miles; gauge, 5 ft. 4½ in.; rail, 30 lbs.; owns 22 horses and 6 cars. *Directors;* B. Lacy,

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J. B. Seth, R. B. Clark, J. A. Gary, E. S. Gary, E. D. Freeman, Baltimore, Md. *Officers:* E. D. Freeman, *Pres. & Treas.;* R. B. Clark, *Sec.;* I. McKitrick, *Supt.* GENERAL OFFICE, Baltimore, Md.

Baltimore and Yorktown Pike Road Co. Main line, 11.5 miles; gauge, 5 ft. 4½ in.; rail, 25 and 45 lbs.; owns 136 horses and 21 cars. Sam. H. Taggart, *Pres.;* Geo. W. Campbell, *Sec.;* A. D. Sanks, *Supt.* GENERAL OFFICE 5 N. Holliday St., Baltimore, Md.

Baltimore Union Passenger RR. Co. Main line, 16 miles; (2 miles operated by electricity); gauge, 5 feet, 4½ in.; rail, 45 lbs.; owns 405 horses and 56 cars. Nelson Perin, *Pres.;* E. J. D. Cross, *Treas.;* Leon Fender, *Sec.* GENERAL OFFICE, Huntington Ave and Oak St., Baltimore, Md.

Central Ry. Co. Main line, 11 miles; gauge, 5 ft. 4½ in.; rail, 45 and 47 lbs.; owns 187 horses, 22 cars and 2 sweepers. Peter Thomson, *Pres. & Gen. Man.;* Walter Blakistone, *Sec., Treas. & P. A.;* Jas. Tracy, *Mast. Car Rep.* GENERAL OFFICE, Preston and Constitution Sts., Baltimore, Md.

Baltimore Traction Co. Main line, 35 miles.; gauge, 5 ft. 4½ in.; rail, 42, 45 and 47 lbs. This company purchased the Citizens' Ry. and the Peoples' Ry. and is now operating same. Horses, 675; cars, 108. T. Edward Hamilton, *Pres.;* N. H. Johnson, *Sec.;* F. S. Hamilton, *Treas.;* Wm. A. House, Jr., *Gen. Man.* GENERAL OFFICE, Druid Hill Avenue, Extd., Baltimore, Md.

Highlandtown and Point Breeze RR. Co. Main line, 17 miles; gauge, 5 ft. 4½ in.; rail, 34 lbs.; owns 100 horses and 25 cars. Francis Hazlehurst, *Pres;* J. L. Weitzell, *Sec.;* William Selfridge, *Treas.;* James Smith, *Supt.* GENERAL OFFICE, 712 Eastern Ave., Highlandtown, Baltimore, Md.

North Baltimore Passenger Ry. Co. Main line, 20 miles; gauge, 5 ft. 4½ in.; rail, 43 and 50 lbs., owns 450 horses and 76 cars. *Directors:* Jas. A. Gary, German H. Hunt, Charles E. Dickey, Robert K. Martin, Wm. F. Burns, Thos. J. Wilson, C. Morton Stewart, Wm. H. Blackford, Wallace King, Baltimore, Md. *Officers:* Jas. L. McLane, *Pres. & Gen. Man.;* Thos. J. Wilson, *Sec.;* C. Morton Stewart, *Treas.* GENERAL OFFICE, McMechin St. and Mt. Royal Ave., Baltimore, Md.

STATE OF MASSACHUSETTS.

Albany Street Freight Ry. Runs on Albany Street, from Brookline to Lehigh Streets, and on Lehigh Street to yard of Boston and Albany Railroad. Rail, 90 lbs., wrought. Used for transportation of freight only. Capital stock authorized by charter (par $100), $75,000. *Directors:* Henry M. Whitney, Prestiss Cummings, Frank H. Monks, Brookline, Mass.; Edmund Reardon, Cambridge, Mass.; G. D. Braman, Cohasset, Mass. *Officers:* Henry M. Whitney, *Pres.,* Brookline, Mass.; G. D. Braman, *Treas.,* Cohasset, Mass.; Prestiss Cummings, *Clerk,* Brookline, Mass. GENERAL OFFICE, 81 Milk Street, Boston, Mass.

Attleborough, North Attleborough and Wrentham Street Ry. (In process of construction.) Capital stock authorized, $17,000; par $100. *Directors:* W. A. Boland, C. A. Coffin, Lynn, Mass.; H. M. Daggett, Jr., Peter Narney, Attleborough; L. W. Dillon, J. E. Draper, North Attleborough, Mass.; George Demarest, Plainsville, Mass. *Officers:* W. A. Boland, *Pres.,* Lynn, Mass.; H. H. Daggett, Jr., *Treas. & Clerk;* J. E. Brown, *Supt.,* Attleborough, Mass. GENERAL OFFICE, Attleborough, Mass.

Brockton Street Ry. Chartered Dec. 28, 1880. Road opened July 6, 1881. *Main Street Line.*—Commences on Main Street at West Bridgewater line, running thence northerly through Main Street to the Avon line, thence northerly on West Main Street and Main Street to the Randolph line. *Belmont and Pleasant Street Line.*—Commences on Belmont Street at West Street, thence easterly to Main Street, thence to School, Lincoln and Montello, up Centre to Main Street, thence westerly on Pleasant Street to West Street. Rail, 35 lbs., flat. Capital stock—par value, $100. Dividends paid January and July at Brockton, Mass. Interest payable at Brockton. Average rate of fare, 5 cents. Funded debt consists of $50,000 4½ per cent. 20-year bonds, due April 1, 1905, interest payable April and October, and $50,000 4½ per cent. 20-year bonds, due April 1, 1906, interest payable April and October. *Directors:* William W. Cross, Brockton, Mass.; Thos. Dana, Boston, Mass.; Asa P. Potter, Cohasset, Mass.; Chas. W. Sumner, Brockton, Mass. *Officers:* Wm. W. Cross, *Pres.,* Brockton, Mass.; Horace B. Rogers, *Supt.,* Campello, Mass.; C. W. Sumner, *Clerk of Corporation,* Brockton, Mass.; Chas. R. Fillebrown, *Treas.,* Brockton, Mass. GENERAL OFFICE, Campello, Mass.

Black Rocks and Salisbury Beach Street Ry. Chartered July 8, 1884. Runs from Merrimac River in the town of Salisbury to the N. H. line, and from Salisbury Beach to Amesbury, and from East Salisbury to Newburyport. This is a summer road, and is opened from June 15 to October 1, each year. Rail, 35 lbs., T. Owns 2 dummy engines. Dividends paid in October at Newburyport, Mass. Capital stock—par $100. *Directors:* Edward P. Shaw, George Tilton, A. P. Shaw, Charles H. Brown, Newburyport, Mass.; J. Frank Tilton, Amesbury, Mass. *Officers:* Edward P. Shaw, *Pres. & Supt.;* George Tilton, *Treas. & Sec.,* Newburyport, Mass. GENERAL OFFICE, Newburyport, Mass.

Boston and Chelsea RR. Chartered April 29, 1854. Road leased to the West End Street Railway Co., and operated by the Lynn and Boston Railway Co. Capital by charter, $300,000; by votes of company, $121,000; par, $50 per share. Dividends paid April and October at Boston. *Directors:* William W. Wheildon, George M. Brooks, Wm. G. Wheildon, Concord, Mass.; Rheuben E. Demmon, T. Quincy Browne, Charles E. Powers, Boston, Mass.; Benjamin H. Dewing, Revere, Mass. *Officers:* William Wheildon, *Pres.,* Concord, Mass.; John H. Studley, Jr., *Treas. & Clerk.,* Boston, Mass. GENERAL OFFICE, 81 Milk Street, Boston, Mass.

East Middlesex Street Ry. Lines of road, from Woburn to Stoneham Square, thence *via* Malden Square to Broadway Square, Chelsea; from Western Division B. & M. RR. depot to a junction with the Lynn & Boston RR. at Clifondale (Saugus); from Beach and Lawrence Streets, in Malden, to Revere Beach. Rail, 35 lbs. Capital stock authorized (par $100) $300,000. Funded debt consists of plain 6 per cent. bonds, due September 1, 1898. *Directors:* Amos F. Breed, Philip A. Chase, David H. Sweetzer, Lynn, Mass.; Lyman Dyke, Stoneham, Mass.; Benjamin Hinckley, Woburn, Mass.; Elwin C. Foster, Revere, Mass.; Frank H. Monks, Brookline, Mass. *Officers:* Amos F. Breed, *Pres.,* Lynn, Mass.; Wesley Wentworth, *Supt.,* Malden, Mass.; D. H. Sweetzer, *Treas. & Clerk,* Brookline, Mass. GENERAL OFFICE, 35 Congress Street, Boston, Mass

East Side Street Ry. Operated by Sprague system of electricity. Crescent Street from Main Street to Quincey, Centre, Cary, Court, Everett, Centre, Montello, Ward to Main Street. Rail, 40 lbs., T. Average fare, 5 cents. Capital stock, authorized, $45,000 (par $100). *Directors:* Albert F. Small, A. Cranston Thompson, Oliver F. Leach, Geo. H. Kingman, Stillman S. Perkins, Wallace C. Flagg, Brockton, Mass.; Joshua M. Taylor, Boston, Mass. *Officers:* A Cranston Thompson, *Pres.;* A. F. Small, *Supt.;* Oliver F. Leach, *Treas. & Clerk,* Brockton, Mass. GENERAL OFFICE. Brockton, Mass.

East Wareham, Onset Bay and Point Independence Street Ry. Chartered February 15, 1888; road opened June 2, 1888. From East Wareham Station *via* Onset Avenue to Point Independence Ferry, in Wareham, Mass. Rail, 25 lbs., T. Capital stock—(par $100). Dividends payable at East Wareham, Mass. *Directors:* T. B. Griffith, Kles Doane, S. A. Griffith, M. M. Copeland, I. B. Eldridge, Wareham, Mass.; A. W. Wilcox, Worcester, Mass.; Wm. F. Nye, Fairhaven, Mass.; B. F. Caswell, Middleboro', Mass.; Chas. McDermott, Falmouth, Mass. *Officers:* T. B. Griffith, *Pres.,* Wareham, Mass.; I. B. Eldridge. *Treas. & Supt.,* East Wareham, Mass.; B. F. Gibbs, *Clerk of Corporation,* East Wareham, Mass. GENERAL OFFICE, East Wareham, Mass.

Fitchburg Street RR. Chartered April 10, 1886. Opened July 1, 1886. Runs from Sanborn Road to Bemis Road, and from Depot Square to Fitchburg Park. Rail 30, 35, and 40 lbs. Capital stock authorized, $60,000 (par $100). Dividends payable at Treasurer's office. *Directors:* Henry A. Willis, Harris C. Hartwell, George H. Spencer, Herbert I. Wallace, George W. Weymouth, James Phillips, Jr., Edgar F. Belding, Fitchburg, Mass. *Officers:* Henry A. Willis, *Pres.,* Fitchburg, Mass.; Herbert I. Wallace, *Vice-Pres.,* Fitchburg, Mass.; Wesley W. Sargent, *Supt.,* Fitchburg, Mass.; Benjamin F. Wallis, *Treas.,* Fitchburg, Mass.; Harris C. Hartwell, *Clerk,* Fitchburg, Mass. GENERAL OFFICE, Fitchburg, Mass.

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CITY AND SUBURBAN TRAMWAYS—STATE OF MASSACHUSETTS.

Railroad.	Railroad. Total Line.	Railroad. Total Track	Horses, etc.	Cars	Liabilities. Capital Stock.	Liabilities. Funded Debt.	Liabilities. Other Debt.	Liabilities. Total.	Assets. Cost of RR. and Equipment.	Assets. Other Investments.	Passengers Carried.	Gross Earnings.	Operating Expenses.	Net Income.	Payments from Available Revenue. Interest.	Payments from Available Revenue. Dividends.	Per cent. of Dividends.	Surplus.
	M.	M.	No.	No.	$	$	$	$	$	$	No.	$	$	$	$	$		$
Albany Street Freight	0.86	0.93	.....	.....	50,000	.....	.....	50,000	49,066	.....	.....	1,540	1,400	140	.....	.....	.....	140
Attleb., N. At. & W'm	.....	.....	.....	.....	17,000	.....	.....	17,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brockton	10.57	11.46	146	35	150,000	100,000	12,213	262,213	232,484	36,852	1,718,552	81,716	56,455	25,261	4,657	12,000	8	8,605
Beverly & Danvers	3.00	3.00	.....	.....	12,000	.....	10,000	22,000	19,500	2,500	.....	.....	.....	.....	.....	.....	.....	.....
Boston & Chelsea	4.12	4.15	.....	.....	121,000	.....	.....	121,000	121,000	.....	.....	7,260	.....	7,260	.....	7,260	6	.....
Boston & Revere Elec	3.80	4.23	2 Mts.	12	30,000	.....	49,766	79,766	75,414	4,416	161,570	7,609	4,383	3,227	669	.....	.....	3,158
Bl'k R'ks & Salis. B'h.	12.10	12.74	58	21	65,000	.....	26,393	91,393	75,098	18,947	190,000	20,017	11,499	8,518	.....	4,500	10	4,018
East Middlesex	15.12	16.01	223	56	200,000	125,000	38,010	363,010	304,861	58,662	1,263,039	75,530	72,612	2,919	9,411	.....	.....	d.6,492
East Side	4.25	4.50	2 Mts.	6	44,935	.....	10,833	55,768	52,395	2,428	232,325	11,364	12,049	d. 686	.....	.....	.....	d. 686
E. W., O. B. & P't Ind.	1.67	1.78	6	6	12,000	.....	.....	12,000	11,697	1,092	29,498	3,745	3,049	696	.....	320	4	376
Fitchburgh	5.58	5.93	56	11	60,000	.....	26,221	86,221	84,804	5,500	446,966	28,411	23,951	4,461	260	3,000	5	1,201
Framingham Union	6.61	7.05	34	13	60,000	.....	47,948	107,948	98,273	10,604	301,680	19,542	15,385	4,158	1,952	.....	.....	2,206
Globe	13.23	16.50	259	63	300,000	.....	11,574	311,574	260,250	58,383	2,959,032	148,330	109,852	38,478	755	18,000	6	19,723
Gloucester	5.03	5.38	80	15	60,000	34,000	10,171	104,171	81,715	17,300	613,458	32,718	31,749	969	1,700	.....	.....	d. 731
Haverhill & Grovel'd.	12.56	14.01	82	38	144,000	.....	.....	144,000	111,915	24,605	797,214	50,546	42,343	8,203	.....	2,880	2	5,323
Holyoke	6.34	7.55	53	16	50,000	.....	14,000	64,000	72,348	657	581,116	38,771	26,887	11,884	426	.....	.....	11,459
Hoosac Valley	5.95	6.23	34	11	50,000	50,000	21,725	121,725	114,479	7,100	398,227	22,449	14,269	8,181	2,946	.....	.....	5,235
Lowell	12.53	13.47	225	44	100,000	50,000	58,510	208,510	224,903	31,757	2,696,314	106,858	102,979	3,879	5,357	6,315	6	d.7,793
Lowell and Dracut	12.74	13.67	134	48	100,000	50,000	116,142	266,142	228,177	43,706	1,211,922	66,148	56,597	9,951	5,685	909	.....	3,557
Lynn Belt	4.30	4.53	.....	.....	34,485	.....	1,500	35,985	34,228	1,600	.....	.....	.....	.....	.....	.....	.....	.....
Lynn and Boston	48.85	52.11	896	228	400,000	425,000	136,062	961,062	813,638	176,240	10,380,318	545,791	485,856	59,935	24,644	32,000	8	3,291
Marlborough	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Malden and Melrose	6.29	6.76	.....	.....	165,500	.....	.....	165,500	165,500	.....	.....	.....	.....	.....	.....	.....	.....	.....
Martha's Vineyard	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Merrimack Valley	9.48	10.43	147	37	80,000	.....	25,000	105,000	74,000	37,600	1,452,639	73,205	62,242	10,964	795	34,000	42.5	d23,831
Naumkeag	33.36	37.40	395	110	250,000	473,600	132,593	856,193	696,300	97,233	4,201,050	216,833	167,513	49,320	28,414	20,000	8	906
Natick and Cochituate	3.00	3.20	22	7	25,000	.....	440	25,440	28,766	4,000	237,702	15,269	9,958	5,250	.....	1,500	6	3,750
Newton	3.21	3.40	21	10	50,000	.....	1,260	51,260	51,636	.....	39,546	1,817	1,066	751	.....	.....	.....	751
Newb'rp't & Amesb'y	12.70	13.32	113	27	120,000	50,000	94,693	264,693	226,959	34,727	1,546,807	58,340	47,927	10,413	5,312	2,400	2	2,702
Norfolk	.....	.....	.....	.....	10,000	.....	.....	10,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Northampton	3.20	3.40	48	8	50,000	25,000	3,937	78,937	46,500	20,926	262,746	20,137	25,672	d. 5,535	874	.....	.....	d.6,409
North Woburn	7.34	7.55	52	11	100,000	.....	26,740	126,740	108,551	15,226	326,316	18,195	17,484	712	1,033	3,000	3	d.3,322
Onset	1.38	1.50	1	6	13,520	.....	300	13,820	13,587	382	19,381	2,109	1,611	498	.....	.....	.....	498

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Beverly and Danvers Street Ry. (In process of construction.) Located in the towns of Beverly and Danvers, about 3.75 miles, of which 3 are being constructed. Capital stock, $12,000. *Directors:* John I. Baker, Peter E. Clark, Samuel J. Foster, Henry W. Foster, Sidney W. Winslow, Perry Collier, Beverly, Mass.; Calvin Putnam, Gilbert A. Tapley, C. W. Emerson, G. A. Tapley, Danvers, Mass. *Officers:* John I. Baker, *Pres.;* Austin Whitcomb, *Treas.;* John S. Baker *Clerk*, Beverly, Mass. GENERAL OFFICE, Beverly, Mass

Boston and Revere Electric Ry. Operated by electricity. Chartered March 3, 1889; road opened July 5, 1889. Rail, 56 lbs. Rate of fare, 5 cents. Capital stock authorized, $90,000 (par value, $100). *Directors:* Washington G. Benedict, Eugene Griffin, Boston, Mass.; Chas. A. Coffin, Lynn, Mass.; Ellery I. Garfield, Lexington, Mass. *Officers:* Washington G. Benedict, *Pres. & Gen. Man.;* Ellery I. Garfield, *Clerk & Treas.* GENERAL OFFICE, 82 Devonshire St, Boston, Mass.

Framingham Union Street Ry. Chartered 1887; opened May 30 and August 23, 1888. Runs from B. & A. RR. in South Framingham to Framingham Centre, 2.28 miles; to Saxonville, 3.75 miles; from Concord Street to Para Rubber Works on Howard Street, 0.38 mile; rail, 30 and 35 lbs. Rates of fare: Cash, 5c. and 10c.; tickets 8¼c. Capital stock authorized (par, $100), $60,000. Since the close of the fiscal year the company has made an issue of first mortgage 5 per cent, 20-year bonds to the amount of $50,000. The bonds are dated July 1, 1889; interest payable January and July. *Directors:* J. A. Beauvais, C. F. Shaw, New Bedford, Mass.; C. H. Emerson, South Framingham, Mass.; Samuel B. Bird, Framingham, Mass.; L. F. Fuller, J. R. Entwistle, E. F. Sprague, Saxonville, Mass.; Frank W. Brightman, Fall River, Mass.; Ira B. Forbes, Shelburn, Mass. *Officers:* Chas. H. Emerson, *Pres.*, South Framingham, Mass.; Samuel B. Bird, *Treas.* Framingham, Mass.; Jas. H. Entwistle, *Clerk*, Saxonville, Mass.; Benjamin J. Weeks, *Supt.*, South Framingham, Mass. GENERAL OFFICE, South Framingham, Mass.

Globe Street Ry. Chartered April 16, 1880; road opened July 22, 1880. Line of road in Fall River, Mass., as follows: North Main and Pleasant Streets, Steepbrook, *via* North Main and Pleasant Streets, to Flint Village, Globe Village and Shore Mill route; City Hall, *via* South Main, East Main, East Globe and South Main Streets, to Shore Mills; Rodman and Winter Streets; Hanover Street, *via* New Boston Road, Highland Avenue, Winter, Franklin, North and South Main, Rodman, Fourth Streets, Eight-Rod Way, Lyons and Second Streets, and Eight-Rod Way to Stafford Road. Rail (iron), 40 lbs.; steel, 35, 46 and 47 lbs. Capital stock authorized (par, $100), $300,000. Dividends paid quarterly, February, May, August and November, at Fall River, Mass. *Directors:* George H. Hawes, John S. Brayton, Andrew J. Borden, Marcus G. B. Swift, Simeon B. Chase, Fall River, Mass.; Frank S. Stevens, Swanzey, Mass.; Joseph A. Beauvais, New Bedford, Mass. *Officers:* F. S. Stevens, *Pres.;* John H. Bowker, *Supt.;* Robert S. Goff, *Treas.;* Marcus G. B. Swift, *Clerk*, Fall River, Mass. GENERAL OFFICE, 182 North Main St., Fall River, Mass.

Gloucester Street RR. Chartered January 12, 1886; opened June 12, 1886. Rail, 25, 35 and 38 lbs. Capital stock authorized, $60,000 (par, $100). Dividends payable at Gloucester, Mass; interest payable at Boston, Mass. Rates of fare, 5 and 6 cents. *Directors:* Thomas Hodge, D. S. Presson, Henry Souther, Gloucester, Mass.; J. C. Brock, New Bedford, Mass.; H. O. Flint, J. P. Langmaid, Salem, Mass. *Officers:* Henry Souther, *Pres.*, Gloucester, Mass.; W. A. Strangman, *Supt.*, Gloucester, Mass.; Thomas Hodge, *Treas.*, Gloucester, Mass.; D. S. Preston, *Clerk*, Gloucester, Mass. GENERAL OFFICE, Gloucester, Mass.

Haverhill and Groveland Street Ry. Chartered 1877; road opened in August, 1877. Runs from Haverhill Depot to West Newbury, Bradford, Mount Washington, Dustin Square and Arlington Street; also owns belt line. Rail, 30 and 35 lbs. Capital stock, $144,000 (par, $100 per share). Rates of fare: Cash, 6, 10 and 15 cents; tickets, 5, 7½ and 12½ cents; half tickets, 3, 5 and 8 cents; average rate of fare, 8 cents. Dividends payable April and October, at company's office. *Directors:* Ira O. Sawyer, Levi Taylor, Ira A. Abbott, James D. White, Wm. H. Smiley, John A. Colby, P. C. Swett, Haverhill, Mass. *Officers:* Ira O. Sawyer, *Pres.;* John A. Colby, *Treas. & Sec.*, Haverhill, Mass. GENERAL OFFICE, 3 Water St, Haverhill, Mass.

Holyoke Street Ry. Chartered June 11, 1884; road opened October 1, 1884. Owns 7.55 miles of road. Capital stock authorized, $50,000 (par, $100). Rail, 35, 38 and 50 lbs. Rates of fare, 5 and 7 cents. Dividends payable in October. *Directors:* Levi Perkins, R. B. Johnson, C. H. Heywood, Wm. S. Loomis, L. M. Tuttle, Philander Moore, C. H. Prentiss, J. F. Sullivan, J. G. Mackintosh, Holyoke, Mass. *Officers:* Levi Perkins, *Pres.;* W. S. Loomis, *Treas. & Supt.;* W. H. Brooks, *Clerk*, Holyoke, Mass. GENERAL OFFICE, Holyoke, Mass.

Hoosac Valley Street Ry. Runs from Main Street, North Adams, to town of Adams. Rail, 40 lbs. Operated by electricity since October 15, 1889. Rates of fare, 5 and 6 cents. Capital stock authorized (par, $100), $50,000. *Directors:* Charles A. Coffin, Lynn, Mass.; S. Proctor Thayer, C. Q. Richmond, North Adams, Mass.; Eugene Griffin, Robert P. Clapp, Boston, Mass. *Officers:* C. Q. Richmond, *Pres. & Treas.;* H. A. Fitzsimons, *Supt.;* S. Proctor Thayer, *Clerk*, North Adams, Mass. GENERAL OFFICE, North Adams, Mass.

Lowell Horse RR. Chartered April 23, 1863; road opened March 1, 1864. Lines of road: Chelmsford Street; Middlesex and Pawtucket Streets; Centralville and Westford Streets; Broadway, Gorham and Belvidere; Bridge Street, from Post Office to River Street; Merrimack Street, from Post Office to High Street; to Cabot Street; Central Street from Prescott Street to Jackson Street; Prescott Street; Middlesex Street, from Depot to Coral Street. Rail, 28½, 35, 45, 48 and 54 lbs.; omnibuses, 2; sleighs, 5. Average rate of fare, 5 cents. Dividends payable April and October at Treasurer's office. Funded debt consists of 5 per cent. 20-year bonds, due 1907, interest payable at First National Bank, Lowell, Mass. Capital stock authorized (par, $100), $200,000. *Directors:* Edward M. Tucker, Walter M. Sawyer, Ethan A. Smith, Thomas Costello, Lowell, Mass.; Solomon Bachman, New York, N. Y. *Officers:* Edward M. Tucker, *Pres.;* Walter M. Sawyer, *Treas. & Clerk;* J. A. Chase, *Gen. Supt.*, Lowell, Mass. GENERAL OFFICE, Lowell, Mass.

Lowell and Dracut Street Ry. Lines of road: River Street and Willow Dale (electric); Pawtucketville and Fort Hill Park, Highlands and Cemetery; Bridge Street; East Merrimack Street; Central Street; Merrimack Street; Dutton Street; Middlesex Street. Rates of fare, 4 and 5 cents; round trip, 25 cents. Capital stock authorized (par, $100), $100,000. Rail, 35 and 60 lbs. *Directors:* August Fels, Percy Parker, John Lennon, Frank W. Howe, Miles F. Brennan, Stephen B. Puffer, M. F. Callahan, Lowell, Mass. *Officers:* August Fels, *Pres.;* J. A. Chase, *Supt.;* Percy Parker, *Treas.;* P. H. Sullivan, *Clerk*. GENERAL OFFICE, Lowell, Mass.

Lynn and Boston Street Ry. Chartered April 6, 1859. This company owns various lines of road, aggregating 48.84 miles, and uses the tracks or operates 9.92 miles of other roads. Rail, 28 to 48 lbs.; sleighs, 7. Rates of fare, 5 to 15 cents. Capital stock by charter, $500,000; by votes of company, $400,000 (par, $100 per share). Funded debt 6 per cent, mortgage bonds, due May 15, 1900, $75,000; 5 per cent. bonds, due May 15, 1900, $150,000; 5 per cent. bonds, due May 1, 1893, $100,000; 5 per cent. bonds, due April 1, 1907, $100,000. Dividends paid May 1 and November 1 at Treasurer's office, where interest is also payable. *Directors:* Amos F. Breed, Aza F. Breed, Philip A. Chase, Jno. S. Bartlett, Chas. H. Newhall, M. P. Clough, A. A. Mower, Lynn, Mass.; William R. Dearmain, Chelsea, Mass.; William Sprague, John Breed, Proctor, P. Francis Oliver, Boston, Mass. *Officers:* Amos F. Breed, *Pres.*, Lynn, Mass.; Edwin C. Foster, *Supt.*, Revere, Mass.; E. Francis Oliver, *Treas. & Clerk*, Boston, Mass. GENERAL OFFICE, 13 Tremont Row, Boston. Mass.

Lynn Belt Line Street Ry. (In process of construction.) Rail, 45 lbs. Capital stock authorized, $40,000 (par, $100). *Directors:* Quincy A. Towns, Wm. B. Littlefield, Geo. H. Breed, Warren Toppan, Frank W. Jones, Chas. O. Beede, Geo. Fuller, Lynn, Mass. *Officers:* Quincy A. Towns, *Pres.;* Wm. B. Littlefield, *Treas.;* Geo. H. Breed, *Clerk*, Lynn, Mass. GENERAL OFFICE, 398 Union St., Lynn, Mass.

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City and Suburban Tramways, State of Massachusetts.—*Continued.*

Railroad.	Railroad. Total Line.	Railroad. Total Track	Horses, etc.	Cars	Liabilities. Capital Stock.	Liabilities. Funded Debt.	Liabilities. Other Debt.	Liabilities. Total.	Assets. Cost of RR. and Equipment.	Assets. Other Investments.	Passengers Carried.	Gross Earnings.	Operating Expenses.	Net Income.	Payments from Available Revenue. Interest.	Payments from Available Revenue. Dividends.	Per cent. of Dividends.	Surplus.
	M.	*M.*	*No.*	*No.*	$	$	$	$	$	$	*No.*	$	$	$	$	$		$
Pittsfield	3.30	3.62	32	10	43,110	.....	14,000	57,110	42,717	7,096	280,664	14,882	14,540	343	870	.....	.....	*d.* 527
Plum Island	5.20	5.60	17	9	40,000	.....	52,037	92,037	65,770	22,770	94,032	8,458	6,604	1,854	2,922	2,800	7	*d.* 3,868
Plymouth & Kingston	4.25	4.50	*	5	35,000	.....	11,000	46,000	45,888	2,026	147,094	7,317	3,913	3,404	.....	.....	.....	3,404
Quincy	4.26	4.52	.....	.....	37,200	.....	23	37,223	34,220	.....	165,405	8,689	10,136	*d.* 1,447	.....	.....	.....	*d.* 1,447
Quincy and Boston	3.26	3.36	1	6	47,990	.....	4,796	52,786	38,324	5,543	213,289	10,783	8,422	2,361	.....	.....	.....	2,361
Somerville	4.88	5.41	.....	.....	153,000	.....	.....	153,000	153,000	.....	.....	9,180	.....	9,180	.....	9,180	6	.....
Springfield	19.03	19.34	256	67	350,000	.....	35,640	385,640	312,310	139,407	3,281,979	175,297	135,107	40,190	696	28,000	8	11,494
Taunton	8.09	9.75	87	23	100,000	.....	33,000	133,000	114,294	25,589	805,923	39,108	31,781	7,327	1,415	.....	.....	5,912
Union	14.60	16.00	255	69	260,000	93,000	2,269	355,269	293,714	71,944	2,879,131	132,320	104,472	27,848	4,808	12,985	5	10,056
Waltham and Newton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	269,621	13,792	9,696	4,097	.....	.....	.....	4,097
West End	216.98	236.58	7,728	1,841	7,900,000	3,747,442	1,944,177	13,591,619	7,654,633	5,255,974	104,243,150	5,249,903	4,281,018	968,884	229,475	614,200	8 p 10 c.	125,209
Winnisimmet	1.88	2.02	.....	.....	50,000	.....	32	50,032	50,000	.....	.....	3,000	.....	3,000	.....	3,000	6	.....
Worcester Consolid'd.	16.79	17.98	351	71	350,000	150,000	103,254	603,254	467,866	135,203	4,341,697	207,589	171,345	36,244	12,460	21,000	6	2,784
Total	571.65	620.88	11,817	2,942	12,290,740	5,373,042	3,076,198	20,739,980	13,720,806	6,377,996	148,189,403	7,554,509	6,181,819	1,372,690	346,933	838,649	6.82	187,108

* Operated by Electricity.

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Malden and Melrose Street Ry. Leased to the West End Street Ry. Co. No operations reported for past fiscal year. Capital by charter, $200,000; by votes of company, $165,500 (par, $100). *Directors:* Charles E. Powers, Linus M. Child, John H. Studley, Boston, Mass.; Marcellus Coggin, Malden, Mass.; Henry M. Whitney, Brookline, Mass. *Officers:* Charles E. Powers, *Pres. & Treas.;* James H. McFarland, *Clerk*, Boston, Mass. GENERAL OFFICE, 27 Tremont Row, Boston, Mass.

Marlborough Street Ry. Chartered March 27, 1888; road opened June 19, 1889. Operated by Sprague system of electricity. Capital stock authorized (par, $100), $50,000. Funded debt consists of 6 per cent. 20-year bonds, due October 1, 1909, interest payable April and October. Average rate of fare, 5 cents. *Directors:* Samuel Boyd, Timothy A. Coolidge, Stillman B. Pratt, Albe C. Weeks, James T. Murphy, Marlborough, Mass.; Samuel C. Darling, Somerville, Mass. *Officers:* Samuel Boyd, *Pres.*, Marlborough, Mass.; Samuel C. Darling, *Treas. & Clerk*, Somerville, Mass. GENERAL OFFICE, Somerville, Mass.

Martha's Vineyard Street Ry. (Proposed road.) Capital stock subscribed, $35,000. To be located in Cottage City, Duke's County. *Directors:* H. A. Pevear, W. A. Boland, C. A. Coffin, L. L. P. Atwood, C. B. Dennis, E. I. Garfield and W. F. Pope. *Officers:* Chas. A. Coffin, *Pres.;* W. A. Boland, *Treas.;* Lewis L. P. Atwood, *Clerk*, Boston, Mass. GENERAL OFFICE, Boston, Mass.

Merrimack Valley Horse RR. Road opened December 25, 1867. Extends from Methuen through Lawrence to North Andover; from Merrimack Street through Union, Knox, Andover and Broadway to Essex Street; from Essex, through Newbury, East Haverhill and Berkley Streets to Jackson Street; from Broadway, through Water Street to Doyle Street; from Essex Street, through Lawrence Street, Arlington Street, and from Union through Canal Street to the paper mills. Rail, 20, 45 and 48 lbs. Average rate of fare, 5 cents. Dividends paid February 6 and September 30, 1889. Capital stock authorized (par, $100), $80,000. *Directors:* Franklin Butler, Byron Truell, Fred. Butler, James H. Eaton, A. W. Stearns, A. E. Butler, A. N. Kimball, Frank E. Prescott, Lawrence, Mass. *Officers:* Franklin Butler, *Pres.;* A. N. Kimball, *Supt.;* A. E. Butler, *Treas. & Clerk*, Lawrence, Mass. GENERAL OFFICE, 563 Essex St., Lawrence, Mass.

Natick and Cochituate Street Ry. Chartered May, 1885. Road opened July 30, 1885. Capital stock authorized (par, $100), $25,000. Rail, 35 lbs. Average rate of fare, 6 cents. Dividends payable March and September, at Natick, Mass. *Directors:* Harrison Harwood, F. H. Hayes, John O. Wilson, O. A. Felch, Charles A. Pook, Natick, Mass.; W. H. Bent, George F. Keep, Cochituate, Mass. *Officers:* Harrison Harwood, *Pres.;* Frank H. Hayes, *Clerk of Corporation*, Natick, Mass.; W. H. Bent, *Treas.;* George F. Keep, *Supt.*, Cochituate, Mass. GENERAL OFFICE, Natick, Mass.

Naumkeag Street Ry. Chartered March, 1875. Operated by Sprague system of electricity. Rail, 35 and 47 lbs. Rates of fare, 4½, 5, 6½, 7, 8½ and 10 cents. Capital stock, par, $100. Funded debt consists of 6 per cent. mortgage bonds, due 1885, interest payable April and October, $600; 6 per cent. income bonds, due 1895, interest payable June and December, $50,000; 5 per cent. mortgage bonds, due 1906, interest payable June and December, $250,000, 5 per cent. debenture bonds, due 1907, interest payable April and October, $173,000. Dividends payable January, April, July, and October at Salem, Mass., where interest is also payable. *Directors:* Charles Odell, William Mack, Henry Wheatland, Nathan Nichols, John M. Anderson, Salem, Mass.; Charles C. G. Thornton, Boston, Mass.; R. H. Brown, Peabody, Mass. *Officers:* Charles Odell, *Pres.;* N. E. Morton, *Supt.;* Henry Wheatland, *Treas.;* Joseph F. Hickey, *Clerk*, Salem, Mass. GENERAL OFFICE, 233 Essex Street, Salem, Mass.

Newton Street Ry. Chartered June 29, 1886, and on August 19, 1889, purchased the road of the Waltham and Newton Street Ry. Co. paying therefor $20 per share to Waltham and Newton stockholders. Average rate of fare, 5 cents. Capital stock, $100 par value. *Directors:* Horace B. Parker, Newtonville, Mass.; George W. Morse, John C. Lane, John A. Pray, M. F. Dickenson, Jr., Chas. W. Smith, Boston, Mass. *Officers:* Geo. W. Morse, *Pres.;* John C. Lane, *Clerk & Treas.;* F. G. L. Henderson, *Supt.*, Boston, Mass. GENERAL OFFICE, 28 State Street, Boston, Mass.

Newburyport and Amesbury Horse RR. Line runs from Marlborough Street, Newburyport, *via* Salisbury to Amesbury, and from Amesbury Ferry to Sargent's Hall in Merrimac. Rail, 35 and 45 lbs. Capital stock authorized (par, $100), $120,000. Funded debt, 6 per cent. bonds, due 1906, $30,000; 6 per cent. mortgage notes, due 1889-1902, $30,000. *Directors:* Charles Odell, W. B. Ferguson, Charles H. Odell, John M. Anderson, Nathan Nicholas, Thomas H. Johnson, Salem, Mass.; Rufus H. Brown, Peabody, Mass.; Charles C. G. Thornton, Boston, Mass.; George H. Stevens, Newburyport, Mass. *Officers:* Charles Odell, *Pres.*, Salem, Mass.; A. G. Reynolds, *Treas. & Clerk*, Newburyport, Mass.; W. A. Larabee, *Supt.*, Salem, Mass. GENERAL OFFICE, Newburyport, Mass.

Northampton Street Ry. Chartered April 1, 1865. Road opened October 16, 1866. Rail, 33 lbs. Average rate of fare, 8 cents. Capital stock authorized (par, $100), $300,000. *Directors:* Oscar Edwards, J. H. Sullivan, J. L. Warriner, J. C. Hammond, E. C. Clark, Northampton, Mass. *Officers:* Oscar Edwards, *Pres.;* E. C. Clark, *Supt. & Treas.;* J. H. Sullivan, *Clerk*, Northampton, Mass. GENERAL OFFICE, Northampton, Mass.

North Woburn Street RR. Chartered March 26, 1866. Road opened in 1867. Runs from North Woburn, *via* Main Street, through Woburn and Winchester by Purchase Street in Medford to a junction with the West End Street Ry. in Medford. Rail, 35, 40 and 42 lbs. Capital stock authorized (par, $100), $200,000. Dividends payable at Treasurer's office. A dividend of 3 per cent. was paid October 1, 1888. *Directors:* Amos F. Breed, Lynn, Mass.; John M. Harlow, Benjamin Hinckley, Gilman F. Jones, Woburn, Mass.; Freeman A. Loring, Winchester, Mass.; Elwin C. Foster, Revere, Mass.; Frank H. Monks, Brookline, Mass. *Officers:* Amos F. Breed, *Pres.;* D. H. Sweetser, *Sec. and Treas.*, Boston, Mass.; John E. Sewell, *Gen. Supt.*, Woburn, Mass. GENERAL OFFICE, 35 Congress Street, Boston, Mass.

Onset Street Ry. Runs from Onset Station, Old Colony RR., to Onset Avenue, thence to Shell Point, in Wareham, Mass. Rail (steel), 35 lbs. Capital stock authorized (par, $100), $20,000. Rate of fare, 10 cents. *Directors:* E. Gerry Brown, Wm. D. Crockett, Boston, Mass.; W. W. Currier, Haverhill, Mass.; Simeon Butterfield, Alfred Nash, Chelsea, Mass.; Cyrus Peabody, E. Y. Johnson, Warren, R. I.; Charles H. Young, Lowell, Mass. *Officers:* E. Gerry Brown, *Pres.*, 70 Main Street, C. D., Boston, Mass.; Walter W. Currier, *Treas. & Clerk*, Haverhill, Mass. GENERAL OFFICE, Onset, Mass.

Pittsfield Street Ry. Co. Chartered April 12, 1886. Road opened July 3, 1886. Rail, 40 and 45 lbs. Capital stock authorized (par, $100), $50,000. Interest and dividends payable at Pittsfield, Mass. *Directors:* Joseph Tucker, Alexander Kennedy, Henry R. Pierson, James L. Bacon, G. W. Clark, C. E. Merrill, Pittsfield, Mass.; Philip A. Chase, Lynn, Mass. *Officers:* Joseph Tucker, *Pres.;* C. E. Merrill, *Treas.;* G. W. Clark, *Sec.;* C. P. Upson, *Supt.*, Pittsfield, Mass. GENERAL OFFICE, Seymour and Wahconah Streets, Pittsfield, Mass.

Plum Island Street Ry. Runs from foot of Fair Street, in Newburyport, through Water Street, to Plum Island Hotel, thence to Wharf at Plum Island Point, Merrimac River. Rail 35 and 40 lbs. Capital stock authorized (par, $ 00), $40,000. *Directors:* Charles Odell, Willard B. Ferguson, John M. Anderson, Nathan Nichols, Thomas H. Johnson, Salem, Mass.; Rufus H. Brown, Peabody, Mass.; Charles C. G. Thornton, Boston, Mass.; Edward P. Shaw, Newburyport, Mass.; J. Frank Tilton, Amesbury, Mass. *Officers:* Edward P. Shaw, *Pres.;* W. A. Larabee, *Supt.*, Salem, Mass.; Augustus G. Reynolds, *Treas.;* Charles H. Brown, *Clerk*, Newburyport, Mass. GENERAL OFFICE, Newburyport, Mass.

Quincy Street Ry. Chartered April 13, 1888. Road opened a distance of 2 miles July 4, 1888; throughout on July 29, 1888. Rail, 30 and 35 lbs. On May 1, 1889, this road was leased for 99 years to the Quincy and Boston St. Ry. Co.—that company paying as rental 4½ per cent. on capital stock and assuming the expense of maintaining the organization of this company. *Directors:* J. Parker Hayward, Braintree, Mass.; Fred. H.

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Smith, Quincy Point, Mass.; John F. Merrill, Wilson Tisdale, John E. Drake, Quincy, Mass.; Frank P. Waterhouse, Wollaston, Mass.; Henry E. Shelden, East Milton, Mass. *Officers:* John F. Merrill, *Pres.*, Quincy, Mass.; Fred. H. Smith, *Treas. & Sec.*, Quincy Point, Mass.; B. F. Ordway, *Supt.*, Quincy, Mass. GENERAL OFFICE, Quincy, Mass.

Quincy and Boston Street Ry. Road opened (horse power, May 1, 1889; electric power substituted, October 1, 1889. Rate of fare, 5 cents. Capital stock authorized (par, $100), $50,000. On May 1, 1889, this company took a 99 years' lease of the Quincy St. Ry., paying as rental therefor 4 per cent. on capital stock of that company, and also assuming the expenses of maintaining that organization. *Directors:* John Quincy Adams, Josiah Quincy, Wm. G. A. Pattee, Wm. A. Hodges, John A. Duggan, Thomas H. McDonnell, H. T. Whitman, Quincy, Mass.; Arthur Burnham, Boston, Mass.; Wm. Boland, Lynn, Mass. *Officers:* John Quincy Adams, *Pres.*; John A. Duggan, *Supt.*; Wm. G. A. Pattee, *Clerk*, Quincy, Mass.; Arthur Burnham, *Treas.*, Boston, Mass. GENERAL OFFICE, Quincy, Mass.

Somerville Horse RR. This road is now leased to and operated by the West End Street Ry. Co. Capital stock authorized, $153,000 (par, $50). *Directors:* Josiah Q. Bennett, Chas. E. Powers, Reuben E. Demmon, Geo. A. Davy, Jno. H. Studley, Jr., Boston, Mass. *Officers:* Josiah Q. Bennett, *Pres.*; Jno. H. Studley, Jr., *Clerk and Treas.*, Boston, Mass. GENERAL OFFICE, 81 Milk Street, Boston, Mass.

Springfield Street Ry. Chartered May 5, 1868; renewed May 31, 1869. Commenced operations March 10, 1870. Rail (iron) 35 and 50 lbs.; steel, 50 lbs. Cars run 617,658 miles. Dividends, payable January and July, 4 per cent. each. Capital stock (par, $100). *Directors:* John Olmstead, G. M. Atwater, A. E. Smith, James Kirkham, Gideon Wells, Springfield, Mass. *Officers:* John Olmstead, *Pres.*; F. E. King, *Supt.*; A. E. Smith, *Treas.*, Springfield, Mass. GENERAL OFFICE, Springfield, Mass.

Norfolk Street Ry. Incorporated in 1889; construction not yet commenced. Capital stock authorized, $100,000 (par value, $100). *Directors:* W. E. L. Dillaway, M. M. Cunniff, H. M. Burton, Boston, Mass.; Henry C. Stark, Thos. E. Faunce, Geo. Miles, Geo. H. Miller, Hyde Park, Mass. *Officers:* W. E. L. Dillaway, *Pres.*; H. M. Burton, *Treas.*, Boston, Mass.; Thos. E. Faunce, *Clerk*, Hyde Park, Mass. GENERAL OFFICE, Hyde Park, Mass.

Plymouth and Kingston Street Ry. Chartered in February, 1889; road opened June 9, 1889. Rail, 35 lbs. Runs from Jabez Corner, in Plymouth, to Kingston. Average rate of fare, 5 cents. Capital stock authorized, $35,000—par, $100 per share. Operated by Thomson-Houston system of electricity. *Directors:* Willard B. Ferguson, Chas. Odell, Salem, Mass.; Edward P. Shaw, Newburyport, Mass.; Albert L. Gordon, West Newton, Mass.; J. H. Cunningham, Chelsea, Mass.; Austin R. Mitchell, Newtonville, Mass.; Alfred Soule, Cambridge, Mass. *Officers:* Willard B. Ferguson, *Pres.*, Salem, Mass.; James D. Thurber, *Treas.*; Thomas Loring, *Clerk*; Chas. E. Barnes, *Supt.*, Plymouth, Mass. GENERAL OFFICE, Plymouth, Mass.

Taunton Street Ry. Chartered 1871. Road opened September of same year. Runs from Weir to Whittenton; City Hall to Highland Street, City Hall to Agricultural Fair Grounds. Rail, 24, 25, 38 and 54 lbs. Rate of fare, 5 cents. Capital stock authorized (par, $100), $100,000. *Directors:* Henry G. Reed, A. J. Barker, W. C. Lovering, Wm. H. Phillips, Henry M. Lovering, P. I. Perrin, Ezra Davol, Charles Foster, N. H. Skinner, S. N. Staples, Taunton, Mass. *Officers:* Wm. C. Lovering, *Pres.*; George C. Morse, *Supt.*; Henry M. Lovering, *Treas.*; Orville A. Barker, *Clerk of Corporation*, Taunton, Mass. GENERAL OFFICE, Taunton, Mass.

Union Street Ry. Consolidation of the Acushnet and New Bedford and Fairhaven Railway Cos., April 30, 1887. Lines of road: *Main Line*, from Lund's Corner, through Acushnet Avenue, Purchase, Fourth, River and Water Streets, and French Avenue, to Woodlawn Grove; from Fourth through Potomska and Water Streets to River Street. *Mount Pleasant and Dartmouth Street Line*, from Mt. Pleasant, through Durfee, Cedar, Morgan, Ash and Union Streets and Acushnet Avenue, and Bedford, Green, Allen and Dartmouth Streets, to Rural Cemetery. *Fair Haven Line*, from Parker Street, through Summer, Elm, Sixth, William, Second and Middle Streets, across the bridge, through Main, Church, and Fort Streets to Fort Phœnix, with a branch from Main Street to Old Colony depot, and a branch from Bridge Street, on North Main Street, to Oxford Village. *Kempton Street Line*, on Kempton Street, from Cedar Street to Rockland Avenue. Rail, 35, 38, 45 and 50 lbs. Rate of fare, 5 cents. Capital stock authorized, $260,000 (par, $100). Funded debt consists of first mortgage 5 per cent. 10-year bonds, due July 2, 1898, interest payable January and July at Citizens' Bank, New Bedford, Mass. Dividends payable annually at New Bedford, Mass. *Directors:* Samuel C. Hart, Andrew G. Pierce, Wm. W. Crapo, Jas. E. Dwight, Abbot P. Smith, Jos. A. Beauvais, Chas. E. Cook, Chas. H. Gifford, New Bedford, Mass.; Weston Howland, Fairhaven, Mass. *Officers:* Samuel C. Hart, *Pres.*; Franklin Woodman, *Supt.*; Wm. H. Allen, *Treas.*; New Bedford, Mass. GENERAL OFFICE, New Bedford, Mass.

West End Ry. This company acquired, through purchase and consolidation, November 12, 1887, the following street railways of Boston: Metropolitan, Boston Consolidated, Cambridge and South Boston, and on January 28, 1888, the Suburban Street Ry. was also consolidated with this company. Total length of all lines owned, 236.58 miles; switches, sidings, etc., 19.20 miles. Capital stock authorized (common, $5,500,000; preferred, $6,400,000), $11,900,000. Capital stock paid (par, $50), common, $1,500,000; preferred, $6,400,000—total, $7,900,000. Funded debt as follows: 6 per cent. bonds, due 1897, $700,000; 6 per cent. bonds, due 1898, $100,000; 5 per cent. bonds, due 1902, $300,000; 5 per cent. bonds, due 1903, $1,100,000; 5 per cent. bonds, due 1904, $350,000; 5 per cent. bonds, due 1905, $200,000; 5 per cent. bonds, due 1907, $500,000; mortgage notes, $497,442.19—total, $3,747,422.12. In addition to its own mileage, this company either operates or has running arrangements over 6.69 miles of the Malden and Melrose, 8.90 miles of the Somerville and 0.67 miles of the Boston and Chelsea Railways, making the total length of lines operated by this company 253.20 miles. Transfer agent, the American Loan and Trust Co., Boston, Mass. *Directors:* Benjamin J. Bradlee, Nelson Bartlett, Henry D. Hyde, Eben D. Jordan, Samuel Little, D. F. Longstreet, Boston, Mass.; G. T. W. Braman, Asa P. Potter, Cohasset, Mass.; Isaac T. Burr, Newton, Mass.; Joseph S. Fay, Jr., Falmouth, Mass.; Jonas H. French, Gloucester, Mass.; Edmund Reardon, Cambridge, Mass.; Dexter N. Richards, Henry M. Whitney, Chas. O. Foster, Brookline, Mass. *Officers:* Henry M. Whitney, *Pres.*, Brookline, Mass.; Prentiss Cummings, *Vice-Pres. & Clerk*, Brookline, Mass.; D. F. Longstreet, *Gen. Man.*; Joseph H. Goodspeed, *Treas.*, Boston, Mass.; C. S. Sargent, *Aud.* GENERAL OFFICE, 81 Milk Street, Boston, Mass.

Winnisimmet Street Ry. Chartered May 26, 1857. Leased to and operated by the Lynn and Boston Street Ry. Co. Rail (steel), 48 lbs. Capital stock by charter, $75,000; by votes of company, $50,000; par, $50. Dividends payable January 1 and July 1, at Treasurer's office. *Directors:* William H. Pearmain, Chelsea, Mass.; Thos. P. Proctor, E. Francis Oliver, Boston, Mass.; Edward Russell, Brookline, Mass.; Edward R. Cogswell, Cambridge, Mass. *Officers:* William R. Pearmain, *Pres.*, Chelsea, Mass.; E. Francis Oliver, *Treas. & Clerk*, Boston, Mass. GENERAL OFFICE, 13 Tremont Row, Boston, Mass.

Worcester Consolidated Street Ry. Consolidation of the Citizens' and Worcester Street Railways, May 31, 1887. *Lines of Road:*—Park Avenue to Union Depot; Polytechnic Institute to Chadwick Square; Lincoln Square to Stearns Square; Lincoln Square to Quinsigamond; Adams Square to New Worcester; Lincoln Square to Union Depot; Lincoln Square to New Worcester; Perkins Square to New Worcester; New Worcester to Union Depot. Rail, 36 and 40 lbs. Rate of fare, 5 cents. Capital Stock, par, $100. Dividends payable January and July at Worcester, Mass.; Interest also payable at Worcester. *Directors:* Charles B. Pratt, H.S. Seeley, Hiram Forbes, N. S. Liscomb, T. M. Rogers, Worcester, Mass.; George H. Seeley, N. Seeley, New York, N. Y. *Officers:* Chas. B. Pratt, *Pres.*; H. S. Seeley, *Supt.*, *Treas. & Clerk*, Worcester, Mass. GENERAL OFFICE, Worcester, Mass.

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STATE OF MICHIGAN.

Adrian City Electric Belt Ry. Co. Main line, 5 miles; operated, 2.80 miles; gauge, 4 ft. 8½ in.; rail,—lbs.; Chartered August 3, 1888; road opened September 20, 1889; cars, 3; passengers carried, 46,461. Earnings, $2,254.70; expenses, $2,742.42. Capital stock, $50,000; funded debt, first mortgage 6 per cent., 10-year bonds, due in 1899, interest payable January and July, $50,000. The bonds have been issued and placed in the hands of a trustee, to pay for the construction and equipment of the road, which is now being built. J. H. Blain, *Pres.;* Wm. A. Jackson, *Vice-Pres.;* W. W. Rhodes, *Sec.;* M. E. Chittenden, *Treas.;* GENERAL OFFICE, Adrian, Mich.

Battle Creek Street Ry. Co. Main line, 6 miles; gauge, 3 ft. 6 in.; rail, 20 lbs.; owns 10 cars, 19 horses and 4 mules. G. L. Beveridge, *Pres.;* W. T. Rikards, *Treas.;* L. Clark, *Sec.;* P. P. Judson, *Supt.* GENERAL OFFICE, 13 South Jefferson St., Battle Creek, Mich.

Bay City Street Ry. Co. Main line, 11 miles; gauge, 4 ft. 8½ in.; rail, 42 and 47 lbs.; owns 63 horses and 20 cars. Earnings for 1888, $37,367.98; operating expenses, $31,569.49. Paid dividends, $3,600. Capital stock, $60,000; unfunded debt, $25,310.10. Cost of road and equipment, $117,814.65. James Clements, *Pres.;* E. A. Cooley, *Sec.;* Wm. L. Clements, *Treas. & Pur. Agt.;* Byron Alley, *Supt.* GENERAL OFFICE, Bay City, Mich.

City of Saginaw Street Ry. Co. Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 42 lbs.; owns 85 horses, 16 cars and 2 other vehicles. Chartered and opened May 1, 1886, succeeding the Saginaw Street RR. Co. Passengers carried year ending December 31, 1888, 657,000; cars run, 235,425 miles. Earnings, 1888, $32,357.13; other receipts, $217.86—total receipts, $32,574.99. Operating expenses, $29,636.09. Capital stock, $30,000; funded debt (5 per cent. coupon bonds due in 1896), $10,000. Cost of road, etc., $33,500. *Directors:* David H. Jerome, T. Jerome, Geo. L. Burrows, Fred. H. Potter, Jas. E. Vincent. *Officers:* D. H. Jerome, *Pres.;* G. L. Burrows, *Sec. & Treas.;* F. G. Benjamin, *Gen. Supt.* GENERAL OFFICE, 415 Court St., Saginaw, Mich.

Detroit City Ry. Co. Main line, 51 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs. This road comprises the Jefferson Ave. line, Woodward Ave. line, Michigan Ave. line, Gratiot Ave. line, Brush St. line, Cass Ave. line, Congress & Baker line, Trumbull Ave. line, Chene St. line, Fort St. E. line, and Mack St. line. Owns 1,550 horses, 250 cars. Geo. Hendrie, *Pres.;* S. D. Miller, *Vice-Pres.;* Cameron Currie *Sec.;* S. Hendrie. *Treas.;* Jno. Willis, *Mast. Car. Rep.* GENERAL OFFICE, 12 Woodward Ave., Detroit, Mich.

Detroit Electric Ry. Co. Main line, 2 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; owns 4 passenger cars and 2 electric motor cars, Van Depoele System. W. K. Muir, *Treas.;* B. Duffield, *Sec.* GENERAL OFFICE, 12 Woodward Ave., Detroit, Mich.

East Detroit and Grosse Pointe Ry. Co. Main line, 6 miles; gauge, 4 ft. 8½ in.; rail, 25 lbs.; owns 8 cars and 3 electric motors. Capital stock, $100,000. W. H. Wells, *Pres.;* Hebbard Baker, *Sec.;* Frank E. Snow, *Treas.;* F. H. Allen, *Supt.* GENERAL OFFICE, Detroit, Mich.

East Saginaw Street Ry. Co. Main line, 8 miles; owns 35 cars and 135 horses. Walter A. Jones, *Pres.;* Chas. A. Bartlett, *Sec.;* A. Bartlett, *Supt.* GENERAL OFFICE, East Saginaw, Mich.

Fort Wayne and Elmwood RR. Co. Main line, 17 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs.; chartered January 31, 1865; road opened, August, 1865. Owns 340 horses and 57 cars. *Operations* for year ending December 31, 1889. Cars run, 997,037 miles; passengers carried, 3,661,515. Earnings (1889) from passengers, $163 949.40; other sources, $1,530.61—total, $165,480.01. Capital stock, $250,000; bills payable, $4,000—total, $254.000. Cost of road, $331,465.57; stocks and other investments, $5,000; other assets, $9,587.74—total assets, $346,053.31. Hon. H. B. Brown, *Pres.;* Jas. H. Vhay, *Vice-Pres.;* E. S. Heineman, *Treas.;* N. W. Goodwin, *Sec.;* Geo. S. Hazard, *Gen. Supt.* GENERAL OFFICE, 129 Griswold St., Detroit, Mich.

Grand River Street Ry. Co. Main line, 12 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs.; owns 300 horses and 50 cars. *Directors:* Hugh McMillan, James McMillan, Geo. Hendrie, Wm. Hendrie, Geo. M. Hendrie, Detroit, Mich. *Officers:* Hugh McMillan, *Pres.;* Cameron Currie, *Sec. & Treas.;* John Grant, *Supt.* GENERAL OFFICE, 557 Grand River Ave., Detroit, Mich.

Fort Gratiot Electric Ry. Co. Main line, 1.75 miles; gauge, 3 ft. 8½ in.; rails, 16 lbs.; owns 1 car and 1 electric motor, Van Depoele's System. W. F. Botsford, *Pres.;* J. F. Talbot, *Vice-Pres.;* J. H. Talbot, *Sec.;* Chas. A. Ward, *Treas.* GENERAL OFFICE, Fort Gratiot, Mich.

Hamtranck and Grosse Pointe Ry. Co. Main lines, 2 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; owns 6 cars and 30 horses. S. D. Miller, *Pres.;* Geo. Hendrie, *Treas.;* S. T. Miller, *Sec.;* Geo. Dates, *Supt.;* John Grant, *Pur. Agt.;* John Willis, *Supt. Car Reps.* GENERAL OFFICE, Detroit, Mich.

Highland Park Ry. Co. Main line, 3½ miles; gauge, 4 ft. 8½ in.; rail, 30 and 42 lbs.; owns 6 electric cars and 4 electric motors, Capital stock, $50,000. F. E. Snow, *Pres. & Treas.;* F. Woodruff, *Sec.* GENERAL OFFICE, 82 Griswold St., Detroit, Mich.

Jackson City Ry. Co. Main line, 4 miles; gauge, 3 ft. 6 in.; rail, 25 lbs.; owns 62 horses, and 18 cars. Hiram H. Smith, *Pres.;* Fred. J. Hall, *Sec. & Supt.;* Henry H. Smith, *Treas.* GENERAL OFFICE, Jackson, Mich.

Kalamazoo Street Ry. Co. Main line, 12 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; owns 26 cars and 40 horses. Earnings, for 1889, $20,000. Capital stock, etc., $100,000. J. W. Rowley, *Receiver.* GENERAL OFFICE, 104 Portage St., Kalamazoo, Mich.

Lansing City Ry. Co. Main line, 7.5 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; owns 37 horses and 9 cars. This road has recently been sold to W. B. Skinner, of Des Moines, Ia., and H. L. Hollister, of Sioux Falls, So. Dak. S. G. Clarke, *Pres.;* H. M. Clarke, *Vice-Pres. & Treas.;* B. E. Clarke, *Sec. & Supt.* GENERAL OFFICE, Washington Ave., Lansing, Mich.

Metropolitan Electric Ry. Co. Not yet constructed. W. A. Jackson, *Pres.;* Frank E. Snow, *Sec. & Treas.* GENERAL OFFICE, Detroit, Mich.

Muskegon Railway Co. Main line, 3.5 miles; gauge, 4 ft. 8½ in.; rail, 30 and 35 lbs. Operated by Short system of electricity. *Directors:* J. W. Moon, P. P. Misner, D. D. Erwin, F. A. Nims, W. B. McLaughlin, Muskegon, Mich. *Officers:* F. A. Nims, *Pres.;* P. P. Misner, *Vice-Pres.;* R. A. Fleming, *Sec.;* Wm. B. McLaughlin, *Treas.;* Wm. McLaughlin, *Supt.* GENERAL OFFICE, Muskegon, Mich.

North Park Street Ry. Co. Main line (under construction), 2½ miles; gauge, 4 ft. 8½ in.; rail, 25 lbs. Capital stock authorized, $500,000; paid in, $50,000. Cost of road, etc., to December 31, 1889, $40,605.71. *Directors:* Julius Houseman, A. J. Bowne, James Blair, Jno. E. Moore. *Officers:* Geo. W. Thayer, *Pres.;* Geo. G. Briggs, *Vice-President;* C. C. Comstock, *Sec. and Treas.* GENERAL OFFICE, Grand Rapids, Mich.

Port Huron Electric Ry. Co. Main line, 2.75 miles; gauge, 4 ft. 1½ in.; rail, 16 and 25 lbs.; owns 11 horses, 6 cars and 3 electric motors. W. F. Botsford, *Pres.;* John F. Talbot, *Vice-Pres.;* Charles A. Ward, *Treas.;* J. H. Talbot, *Sec. & Supt.* GENERAL OFFICE, Port Huron, Mich.

Port Huron Street Ry. Co. Main line, 6.25 miles; gauge, 4 ft. 8½ in.; owns 22 horses and 7 cars. J. P. Sanborn, *Pres.;* J. R. Wastell, *Sec., Treas. & Man.* GENERAL OFFICE, Port Huron, Mich.

Saginaw Union Street Ry. Co. Main line, 18 miles; 2d track, 2 miles; sidings, 1 mile; guage, 4 ft. 8 in.; rail, 30 to 45 lbs. Chartered and opened October 4, 1887. The line is now (February, 1890) being equipped with overhead system of electric motive power, 10 motors now being in use. Entire line to be equipped by April 1, 1890. Owns 68 horses, 26 cars and 6 other vehicles. Passengers carried year ending December 31, 18-9, 2,000,000. Paid interest on bonds, $9,000. Capital stock, $200,000; funded debt consists of $75,000, 6 per cent. bonds, due June 28, 1906, interest payable semi-annually; and a second issue, due October 1, 1907, $75,000; total, $150,000. Cost of road, etc., $100,000. *Directors:* W. H. Stevens, F. E. Snow, W. A. Jackson, John M. Nicol, Detroit, Mich; J. F. Adams, J

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Seligman, East Saginaw, Mich. *Officers:* Frank E. Snow, *Pres.;* James F. Adams, *Vice-Pres. & Gen. Man.;* John M. Nicol, *Sec. & Treas.;* A. Bartlett, *Supt.* GENERAL OFFICE, East Saginaw, Mich.

St. Joseph and Benton Harbors Street Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; owns 34 horses, and 10 cars. Earnings, 1889, $10,592.93; other receipts, $148.49; total, $10,741.42. Operating expenses, $8,085.75. Net earnings, $2,655.67. Capital stock (auth., $100,000) paid in, $61,300; other liabilities, $10,138.18. W. W. Bean, *Pres. & Supt.* GENERAL OFFICE, St. Joseph, Mich.

Sault Ste. Marie Street Ry. Co. Main line, 6½ miles; gauge, 4 ft. 8½ in.; rail, 40 lbs; cars 5, motors 5. Fisher electric system. Earnings, 1889, $6,500; expenses, $5,500; net earnings, $1,000. Capital stock, $40,000. Cost of road, $40,000. *Directors:* Thomas Ryan, Jas. R. Ryan, B. F. McEvoy, L. J. Cody, E. S. B. Sutton, Sault Ste. Marie, Mich. *Officers:* Thomas Ryan, *Pres.;* B. T. McEvoy, *Vice-Pres.;* Jas. R. Ryan, *Sec. & Treas.;* L. J. Cody, *Gen. Man.;* E. S. B. Sutton, *Attorney.* GENERAL OFFICE, Sault Ste. Marie, Mich.

Street Railway Co. of Grand Rapids. Main line, 16.50 miles; gauge, 4 ft. 8½ in.; rail, 35 and 40 lbs; owns 391 horses, 3 steam motors, 109 cars and 15 other vehicles. Miles run by cars, in 1889, 3,300. Earnings, $176,022.30; other receipts, $3,067.28; total, $179,109.58. Operating expenses, $176,628.36. Net earnings, $2,481.22. Capital stock, $600,000; other liabilities, $627,907.10. Cost of road and equipment, $620,102.17. Samuel Mather, *Pres.;* Geo. R. Perry, *Sec. & Treas.;* A. Bevier, *Supt.* GENERAL OFFICE, Grand Rapids, Mich.

Valley City Street and Cable Ry. Co. Main line, 15 miles; gauge, 4 ft. 8½ in.; rail, 28 to 45 lbs.; owns 49 cars, 66 horses and 24 grip cars. A. J. Bowne, *Pres.;* A. D. Rathbone, *Vice-Pres.;* W. S. Crosby, *Sec.;* James Blair, *Treas.;* A. W. Eggleston, *Supt.* GENERAL OFFICE, Grand Rapids, Mich.

West Bay City Street Ry. Co. Main line, 6 miles; branch, 1 mile; total, 7 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; cars (electric), 12; operated by Sprague system of electricity; chartered in September, 1887; road opened January 1, 1890. Capital stock, $100,000; cost of road, $100,000. S. O. Fisher, *Pres.;* W. E. Magill, *Sec.;* H. H. Norrington, *Treas.;* Geo. Harrie, *Supt.* GENERAL OFFICE, West Bay City, Mich.

STATE OF MINNESOTA.

Duluth Street Ry. Co. Main line, 8½ miles; gauge, 3 ft. 6 in.; rail, 33 and 45 lbs.; chartered, November 17, 1881; opened November 1, 1882. Owns 14 horses and 18 cars. *Operations* for year ending January 31, 1889. Passengers carried, 996,650. Earnings from passengers, $44,304.79. Expenses and taxes, $33,662.33. Net earnings, $10,542.46. Paid interest on bonds, $6,015. Surplus, $4,527.46. Capital stock, $300,000; funded debt (30-year 6 per cent. gold bonds, due 1916, interest payable January and July), $100,000. Cost of road and equipment, $158,708.59; other assets, $1,683.85. *Directors:* Samuel Hill, Thomas Lowry, Minneapolis, Minn.; Thomas P. Wilson, St. Paul, Minn.; A. S. Chase, A. L. Ordean, Duluth, Minn. *Officers:* Samuel Hill, *Pres.;* T. P. Wilson, *Vice-Pres.;* A. S. Chase, *Sec. & Treas.;* F. S. Wardwell, *Supt. & P. A.* GENERAL OFFICE, Duluth, Minn.

Anoka Street Ry. Co. Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 26 lbs.; cars, 3; horses, 13. R. Mahany, *Pres.;* Jas. Mahany, *Sec.;* R. Mahany, Jr., *Treas.;* W. Mahany, *Gen. Man.* GENERAL OFFICE, Anoka, Minn.

Mankato Street Ry. Co. Main line, 3 miles; gauge, 3 ft. 6 in.; rail, 27 lbs.; owns 16 horses and 5 cars. Capital stock, $50,000. W. M. Farr, *Pres. & Man.;* John C. Noe, *Sec. & Treas.* GENERAL OFFICE, Mankato, Minn.

Minneapolis, Lyndale and Minnetonka RR. Co. Main line, 18 miles; gauge, 3 ft.; rail, 30 lbs. Organized, June 19, 1878; road sold under foreclosure March 10, 1887, and company reorganized. Engines, 15; cars (passenger) 56; other, 4—total cars, 60. *Operations*, year ending June 30, 1889. Passengers carried, 16,012,815. Earnings (passenger), $158,811.79; operating expenses, $133,396.06—net earnings, $25,415.73. Paid interest on bonds, $31,000; on debt, $11,639.22—total, $43,639.22. Deficit, $17,223.49. *Financial Statement*—Capital stock, $385,000; funded debt, first mortgage 5 per cent. 30-year bonds, due 1917, interest payable April and October, $620,000 ($1,000,000 auth.); other liabilities, $336,630.49—total liabilities, $1,341,630.19. *Contra:* Cost of road, $845,540; equipment, $222,650.44; real estate, $80,711.98; materials, etc., $40,864.56; cash, $6,749.95; profit and loss, $145,113.56—total assets, $1,341,630.49. *Directors:* F. C. Pillsbury, C. G. Goodrich, E. H. Center, J. H. Randall, A. Z. Levering, Minneapolis, Minn. *Officers:* F. C. Pillsbury, *Pres.;* John H. Randall, *Vice-Pres.;* E. H. Center, *Sec. & Aud.;* A. Z. Levering, *Treas.;* C. G. Goodrich, *Gen. Man.;* W. J. Hield, *Supt.;* Geo. W. Cooley, *Chief Eng.* GENERAL OFFICE, Minneapolis, Minn.

Minneapolis Street RR. Co. Main line, 67 miles; gauge, 3 ft. 6 in. and 4 ft. 8½ in.; rail, 27 to 78 lbs.; owns 1,100 horses and 251 cars. Sprague electric system. *Directors:* Thomas Lowry, Clinton Morrison, C. G. Goodrich, W. D. Washburn, J. S. Pillsbury, F. H. Peavey, M. B. Koon, Minneapolis, Minn. *Officers:* Thomas Lowry, *Pres.;* C. G. Goodrich, *Vice-Pres. and Gen. Man.;* E. H. Center, *Sec.;* M. B. Koon, *Treas.;* D. W. Sharpe, *Supt.* GENERAL OFFICE, 200 Third Ave., North, Minneapolis, Minn.

Minneapolis West Side Street Ry. Co. Main line (under construction), 7 miles; gauge, 4 ft. 8½ in. R. Burgess, *Pres.;* John T. Byrnes, *Sec. & Treas.;* A. C. Chamberlin, *Supt.* GENERAL OFFICE, 112 Hennepin Ave., Minneapolis, Minn.

St. Cloud City Street Car Co. Main line, 1½ miles; gauge, 4 ft. 2 in.; rail, 30 lbs. Chartered in April, 1887; road opened October 3, 1887. Owns 2 cars and 10 horses. Capital stock, $100,000. C. P. McClure, *Pres.;* O. W. Baldwin, *Vice-Pres.;* A. G. Whitney, *Treas.;* F. Tolman, *Sec.;* R. L. Gale, *P. A. & Supt.* GENERAL OFFICE, St. Cloud, Minn.

St. Cloud Motor Line Co. Main line, 1.5 miles, now under construction. H. C. Wait, Wm. M. Hewitt, and F. E. Searle, *Directors*, St. Cloud, Minn.

St. Paul City Ry. Co. Main line, 54 miles; 70 miles of cable line in operation; 5 miles of cable line under construction; gauge, 4 ft. 8½ in.; rail, 45 to 54 lbs.; owns 222 cars, 40 other vehicles and 775 horses. Chartered January 8, 1872. *Operations* for 1888. Miles run by cars, 2,643,107; passengers carried, 8,953,515. Earnings for 1889, passenger, $447,664.08; other sources, $7,991.78—total, $455,655.86. Expenses, taxes, etc., $396,634.08. Net earnings, $59,021.78. Capital stock, $5,000,000; funded debt, $2,150,000. Funded debt consists of $680,000 1st consolidated 6 per cent. bonds, due in 1934, interest payable April and October, and $1,490,000 cable consolidated mortgage 5 per cent bonds, due in 1937, interest payable January and July. Cost of road and equipment, $6,961,801.16. Interest payable at Farmer's Loan and Trust Co., New York, N. Y. *Directors:* Thomas Lowry, Minneapolis, Minn.; P. F. Barr, Geo. P. Harris, T. P. Wilson, Chas. B. Lamborn, St. Paul, Minn. *Officers:* Thomas Lowry, *Pres.;* P. F. Barr, *Vice-Pres.;* A. Z. Levering, *Sec.;* W. R. Merriam, *Treas.;* A. L. Scott, *Supt.;* Clift Wise, *Eng.* GENERAL OFFICE, St. Paul, Minn.

The Stillwater Union Depot and Transfer Co. Main line, 5.50 miles; branches, 2 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; cars, 7. Operated by Sprague system of electricity. W. L. Allen, *Pres.;* T. O. Swiney, *Vice-Pres.;* E. D. Allen, *Sec. & Treas.;* J. J. Stinson, *Supt.* GENERAL OFFICE, Stillwater, Minn.

Union Depot Street Ry. and Transfer Co. Main line, 5.5 miles; gauge, 4 ft. 8½ in.; rail, 55 lbs. Geo. M. Brush, *Receiver.* GENERAL OFFICE, Stillwater, Minn.

Winona City RR. Co. Main line, 4 miles; gauge, 3 ft. 6 in.; rail, 27 lbs.; owns 36 horses and 10 cars. *Directors:* Jno. A. Mathews, Charles Horton, B. H. Langley, F. A. Johnston, C. H. Lamberton, E. S. Youmans, C. H. Porter, Winona, Minn. *Officers:* B. H. Langley, *Pres.;* Charles Horton, *Vice-Pres.;* D. D. Hatcher, *Sec.;* H. W. Cole, *Treas.;* L. Marion, *Supt.* GENERAL OFFICE, Winona, Minn.

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STATE OF MISSISSIPPI.

Enterprise Street Ry. Co. Main line, 1.35 miles; gauge, 3 ft. 6 in.; rail, 24 lbs.; owns 6 horses and 2 cars. John Kampe, *Pres.;* E. B. Gaston, *Vice-Pres.;* John W. Gaston, *Sec. & Treas.* GENERAL OFFICE, Enterprise, Miss.

Jackson City RR. Co. Main line, 1.5 mile; gauge, 5 in.; owns 9 mules and 3 cars. P. W. People, *Pres.;* J. B. Bradford, *Treas. & Sec.* GENERAL OFFICE, Jackson, Miss.

Meridian Street Ry. Co. Main line, 4 miles; gauge, 4 ft. 8 in.; rail, 16 lbs.; owns 20 mules and 15 cars. *Directors:* W. F. Brown, J. L. Handley, J. S. Solomon, Geo. S. Covert, J. T. Cha'k, A. B. Dillehay, R. M. Houston, J. M. Ramsey, R. E. Harris, J. A. Kelly, Meridian, Miss. *Officers:* G. S. Covert, *Pres.;* J. L. Handley, *Vice-Pres. & Man;* R. M. Houston, *Sec.;* J. A. Kelly, *Treas.* GENERAL OFFICE, Meridian, Miss.

Natchez Street RR. Co. Main line, 3 50 miles; gauge, 4 ft. 8½ in.; rail, 20 and 30 lbs.; owns 13 mules and 4 cars. Capital stock, authorized, $100,000; issued, $25,000. Henry Frank, *Pres.;* A. Moses, *Sec. & Treas.;* Morice Mous, *Supt.* GENERAL OFFICE, Natchez, Miss.

Vicksburg Street Ry. Co. Thos. M. Smedes, *Pres.* GENERAL OFFICE, Vicksburg, Miss.

STATE OF MISSOURI.

Baden and St. Louis RR. Co. Main line, 3.75 miles; gauge, 4 ft. 8½ in.; rail, 18, 22, and 28 lbs.; owns 24 horses, 10 cars, and two other vehicles. George S. Case, *Pres., Sec., Treas., etc.;* J. H. Reel, *Vice-Pres.;* H. Nelson, *Supt.* GENERAL OFFICE, Baden, St. Louis, Mo.

Benton and Bellefontaine RR. Co. Main line, 8 miles; gauge, 4 ft. 10 in; rail, 52 lbs.; owns 260 horses, and 72 cars. *Directors:* J. G. Chapman, Chas. Parsons, Geo. E. Leighton, Edward Whitaker, Robert McCulloch, St. Louis, Mo. *Officers;* Charles Parsons, *Pres.;* Robert McCulloch, *Vice-Pres., Sec., Treas. & Supt.* GENERAL OFFICE, 4,238 North 20th St., St. Louis, Mo.

Carthage City Ry. Co. Main line, 3.25 miles; gauge, 3 ft. 6 in.; rail, 20 lbs.; owns 12 mules and 3 cars. J. W. Ground, *Pres.;* J. A. Ground, *Treas. & Supt.;* N. L. Ground, *Sec.* GENERAL OFFICE, 19 South Main St., Carthage, Mo.

Cass Avenue and Fair Ground RR. Co. Main line, 8.5 miles; gauge, 4 ft. 10 in.; rail, 62 lbs.; owns 310 horses and mules, and 64 cars. *Directors:* J. S. Walsh, Edward Walsh, G. A. Madill, Wm. M. Curtis, James Campber, G. A. Finkleburgh, St. Louis, Mo. *Officers:* C. B. Holmes, *Pres.;* C. N. Duffy, *Sec. & Treas.;* Robert McCulloch, *Gen. Manager;* Michael Moran, *Supt.;* John Dougherty, *Supt. Car. Reps.* GENERAL OFFICE, 3,820 Easton Ave., St. Louis, Mo.

Circle Cable Ry. Co. Main line, projected, 6 miles. Controlled by the Citizens' Cable Ry. Co. of Kansas City, Mo. GENERAL OFFICE, St. Joseph, Mo.

Citizens' (Cable) Ry. Co. Main line (cable, 13 miles; horse, 3.50 miles), 16.50 miles; gauge, 4 ft. 10 in.; rail, 63 lbs.; owns 50 grip-cars, 60 open-cars and 55 box-cars. Cars run 105 miles per day. C. B. Holmes, *Pres.,* Chicago, Ill.; C. N. Duffy, *Sec. & Treas.;* Robt. McCulloch, *Supt.* GENERAL OFFICE, 3,280 Easton Ave., St. Louis, Mo.

Citizens' Ry. Co. Main line, 5.5 miles; gauge, 4 ft. 8½ in.; rail, 33 and 40 lbs. Chartered and opened in 1880; owns 100 horses, 18 cars, and two other vehicles. *Operations,* for year ending December 31, 1889. Passengers carried, 774,615. Earnings from passengers, $40,279.76. Expenses and taxes, $22,451.15. Net earnings, $17,828.61. *Payments:* Interest on bonds, $5,600; dividends, $7,200; total, $12,800. Balance, surplus, $5,028.61. Capital stock, $120,000; funded debt consists of $80,000 7 per cent. bonds, due in 1890, and interest payable in February and August. B. F. Hobart, *Pres.,* St. Louis; J. F. G. Bentley, *Vice-Pres.;* Frank B. Smith, *Sec., Treas. & Gen. Supt.* GENERAL OFFICE, Springfield, Mo.

Clinton Street Ry. Co. Main line, 2 miles; gauge, 4 ft. 1 in.; rail, 40 lbs.; cars, 3; mules, 9. A. P. Frowein, *Pres.;* H. P. Falls, *Sec. & Treas.* GENERAL OFFICE, Clinton, Mo.

East Fifth Street Ry. Co. Main line, 2.5 miles; gauge, 4 ft. 8½ in.; rail, 60 lbs.; owns 9 steam motors and 9 cars. Wm. J. Smith, *Pres.;* E. L. Martin, *Treas.;* Wm. H. Lucas, *Sec.;* Frank C. Peck, *Supt.* GENERAL OFFICE, 433 West 9th St., Kansas City, Mo.

Electric Springs Ry. Co. Main line, 0.75 miles; gauge, 4 ft.; rail, 16 lbs.; cars, 4; horses, 4. GENERAL OFFICE, Warrensburg, Mo.

Forest Park, Laclede, and Fourth Street Ry. Co. Main line, 5.25 miles; gauge, 4 ft. 10 in.; rail, 44 lbs.; owns 205 horses and 24 cars. P. C. Maffitt, *Pres.;* Wm. D. Henry, *Sec. & Treas.;* J. F. Davidson, *Supt.* GENERAL OFFICE, 1,827 Market St., St. Louis, Mo.

Fourth Street and Arsenal Ry. Co. Gauge, 4 ft. 10 in.; rail, 44 lbs.; cars, 20; horses, 96. Chas. Green, *Pres.;* Joseph Perry, *Sec. & Treas.;* Patrick Shea, *Supt.* GENERAL OFFICE, 1,810 Park Ave., St. Louis, Mo.

Grand Avenue (Cable) Ry. Co. Main Line, 6.82 miles; leased, 1.17 miles; gauge, 4 ft. 8½ in.; rail, 56½ lbs.; owns 47 horses, 80 combination cable cars, 6 horse cars, and 2 motor cars, 2 engines and 2 motors. Capital stock, $1,200,000; funded debt, $1,200,000. *Directors:* C. F. Morse, J. S. Ford, Walton H. Holmes, C. F. Holmes, H. C. Ward, W. B. Clarke, Daniel B. Holmes, Victor B. Buck, O. P. Dickinson, Kansas City, Mo.; C. E. Cotting, Boston, Mass.; P. A. Chase, Lynn, Mass.; *Officers:* W. H. Holmes, *Pres.;* B. V. Buck, *Vice-Pres.;* D. B. Holmes, *Sec. & Atty.;* O. P. Dickinson, *Treas.;* C. F. Holmes, *Gen. Man.;* Thomas J. Fry, *Aud.;* Thomas Barrett, *Supt.* GENERAL OFFICE, 1,500 Grand Avenue, Kansas City, Mo.

Hannibal Street Ry. Co. Main line, 2.5 miles; gauge, 4 ft. 8½ in.; rail, 36 lbs.; operated by electricity; owns 3 motor cars. *Directors:* M. Doyle, Jas. O'Hern, John G. O'Hern, Hannibal, Mo. *Officers;* M. Doyle, *Pres., Supt., etc.;* James O'Hern, *Sec. & Treas.* GENERAL OFFICE, 300 Market Street, Hannibal, Mo.

Jefferson Avenue Ry. Co. Main line, 5 miles; gauge, 4 ft. 9 in.; rail, 56 lbs.; owns 40 cars and 92 horses. *Officers:* J. Scullin, *Pres.;* Frank Carter, *Vice-Pres.;* Jas. H. Roach, *Sec.;* Clement M. Seaman, *Treas.* GENERAL OFFICE, St. Louis, Mo.

Joplin Street Ry. Co. Main line, 6 miles; gauge, 4 ft.; rail, 15 to 27 lbs.; owns 26 mules and 4 cars. J. B. Sergeant, *Pres.;* Clark Craycraft, *Sec., Treas., & Supt.* GENERAL OFFICE, Joplin, Mo.

Kansas City Cable Ry. Co. Main line, 21 miles; gauge, 4 ft. 8½ in.; rail, 56 lbs.; owns 190 cars. Chartered July 3, 1883; opened June 1, 1885. *Financial Statement,* December 31, 1889: Capital stock, $1,575,000; funded debt (1st mtg. 5 per cent. 10-year bonds, due Apr. and Oct., 1897), $1,050,000; 2d mtg. 6 per cent. bonds, interest payable Apr. and Oct. (redeemable at any time), $300,000. Cost of road and equipment, $2,500,000; other assets, $200,000; dividends paid January and July at Kansas City, Mo.; interest payable at Boston, Mass. *Directors:* Wm. J. Smith, D. T. Beales, W. H. Lucas, J. I. Thornton, Wm. T. Johnson, Kansas City, Mo.; D. H. Sweetser, P. A. Chase, Lynn, Mass. *Officers:* W. J. Smith, *Pres.;* James A. Blair, *Vice-Pres.;* J. T. Thornton, *Treas.;* W. H. Lucas, *Sec.;* M. K. Bowen, *Supt.* GENERAL OFFICE, Ninth and Washington Sts., Kansas City, Mo.

Kansas City Electric Ry. Co. Main line, 2 miles; gauge, 4 ft. 8½ in.; rail, 70 lbs.; owns 4 cars and 4 electric motors. W. W. Kendall, *Pres.;* W. Watson, *Sec. & Treas.;* J. C. Henry, *Supt.;* Fritz Peterson, *Supt. Car Rep.* GENERAL OFFICE, Kansas City, Mo.

Kansas City, Independence, and Park Dummy RR See General Index, POOR'S MANUAL.

Kansas City & Rosedale Street RR. Co. Main line, 6.28 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; owns 7 cars and 40 mules; operated by the Metropolitan St. Ry. Co. C. F. Morse, *Pres.;* R. J. McCarty, *Sec. & Supt.;* A. W. Armour, *Treas.* GENERAL OFFICE, Security Building, Kansas City, Mo.

Lexington and Kansas City Land and Investment Co. Main line of road, 2.50 miles; gauge,

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4 ft. 4 in.; rail, 30 lb.; cars, 2; horses, 8. R. G. Estell, *Pres.;* W. Z. Hickman, *Vice-Pres.;* James Wentworth, *Sec. & Treas.;* Geo. M. Mountjoy, *Supt.* GENERAL OFFICE, Lexington, Mo.

Lexington Street RR. Co. Main line, 2 miles; gauge, 4 ft. 1 in.; owns 8 mules and 2 cars. John C. Young, *Pres.* GENERAL OFFICE, Lexington, Mo.

Lindell Ry. Co. Main line, 13.5 miles; gauge, 4 ft. 10 in.; rail, 45 and 65 lbs.; owns 407 horses, 80 cars and 6 other vehicles. Chartered in 1864 for 50 years. Operated by Sprague system of electricity. Passengers carried, year ending December 1, 1888, 6,000,000; net earnings, $39,929.44; payments—interest, dividends and betterments, $57,850. Capital stock, $570,000; unfunded debt, $87,000. Geo. D. Capen, *Pres.;* Chas. F. Orthwein, *Vice-Pres.;* G. W. Baumhoff, *Sec., Treas., & Supt.* GENERAL OFFICE, 2207 Washington Ave., St. Louis, Mo.

Metropolitan Street Ry. Co. Main line (cable, 11.7 miles; horse, 7.3 miles; electric, 2.3 miles), 21.3 miles; gauge, 4 ft. 8½ in.; rail, 20 to 62 lbs.; owns 270 horses, 233 cars, and 20 other vehicles. Chartered July 24, 1886; opened August 1, 1886. Capital stock authorized, $3,600,000; paid up, $2,800,000; funded debt (1st mtg. 5 per cent. 30-year bonds, due 1916, interest Jan. and July, $1,000,000; 1st mortgage 5 per cent. 20-year bonds, due 1909, interest payable March and September, $1,000,000), $2,000,000—total liabilities, $4,800,000; cost of road and equipment, $4,300,000. *Directors:* C. F. Morse, A. W. Armour, Wallace Pratt, Geo. H. Nettleton, S. B. Armour, Kansas City, Mo.; N. H. Emmons, E. E. Cotting, Boston, Mass. *Officers:* C. F. Morse, *Pres.;* Geo. H. Nettleton, *Vice-Pres.;* R. J. McCarty, *Sec. & Gen. Man.;* A. W. Armour, *Treas.;* J. A. Harder, *Aud.* GENERAL OFFICE, Security building, Kansas City, Mo.

Missouri (Cable) RR. Co. Main line, 12.80 miles; gauge, 4 ft. 10 in.; rail, 42 a d 63 lbs.; owns 200 horses and 7 cars. P. C. Maffat, *Pres.;* W. D. Henry, *Sec.;* J. F. Davidson, *Supt.* GENERAL OFFICE, 1837 Market St., St. Louis, Mo.

Mound City RR. Co. Main line, 8 miles; gauge, 4 ft. 10 in.; rail, 38 lbs.; owns 154 horses and 28 cars. John Scullen, *Pres.;* Frank Carter, *Vice-Pres.;* J. H. Roach, *Sec.;* C. M. Seaman, *Treas.;* James Scullen, *Supt.* GENERAL OFFICE, St. Louis, Mo.

Northeast Street Ry. Co. Main line, 7 miles; gauge, 4 ft. 8½ in.; rail, 48 lbs.; cars, 10. W. H. Winants, *Pres.;* E. A. Phillips, *Vice-Pres. & Gen. Man.;* Wm. B. Knight, *Chief Eng.* GENERAL OFFICE, Kansas City, Mo.

North Kansas City Street Ry. Co. Main line, 9 miles; gauge, 4 ft. 8½ in.; horses, 7; cars, 4. Road opened September 13, 1889. *Operations* from Sept. 13, 1889 to Dec. 31, 1889. Passengers carried, 10,691. Earnings (passengers), $534.55; expenses, $519.41. Net earnings, $15.14. *Financial statement.* Unfunded debt, $13,203.12. Cost of road, $13,203.12. Willard E. Winner, *Pres.;* J. R. Anderson, *Supt.;* C. A. Peabody, *Auditor.* GENERAL OFFICE, 717 Wall St., Kansas City, Mo.

Northern Central Ry. Co. Main line, 10.5 miles; gauge, 4 ft. 9½ in.; rail, 58 lbs.; owns 280 horses and 60 cars. C. B. Holmes, *Pres.;* C. N. Duffy, *Treas. & Sec.;* R. McCulloch, *Gen. Man.* GENERAL OFFICE, 3820 Easton Ave., St. Louis, Mo.

People's Cable Ry. Co. Main line, 7.75 miles; gauge, 4 ft. 8½ in.; rail, 50 lbs.; chartered March 8, 1887; road opened March 28, 1888. Cars owned, 27. Capital stock, $750,000. *Directors:* G. L. Webb, J. H. Rhodes, Arthur Orr, C. L. Raymond, Wm. Dunn. *Officers:* Chas. Lisle Hopkins, *Receiver & Supt.;* Geo. L. Webb, *Vice-Pres.;* J. H. Rhodes, *Sec. & Treas.* GENERAL OFFICE, 1109 Broadway, Kansas City, Mo.

People's City RR. Co. Main line, 8 miles; gauge, 4 ft. 10 in.; rail, 44 lbs.; owns 314 horses and 63 cars. Chas. Green, *Pres.;* J. Perry, *Sec. & Treas.;* P. Shea, *Supt.* GENERAL OFFICE, 1810 Park Ave., St. Louis, Mo.

People's St. Ry., Electric Light and Power Co. Main line of road, 10 miles; gauge, 4 ft. 8½ in.; rail, 28 to 52 lbs. This company has recently purchased the Citizen's St. Ry. and the Frederick Avenue Ry., both of St. Joseph, Mo. *Officers:* Lathrop R. Bacon, *President*, New York, N. Y.; W. T. Van Brunt, *Vice-Pres. & Man.*, St. Joseph, Mo.; A. J. Moulton, *Sec. & Treas.*, New York, N. Y. GENERAL OFFICE, 511 Francis St., St. Joseph, Mo. New York Office, 54 Wall St.

St. Louis RR. Co. Main line, 11 miles; gauge, 4 ft. 10 in.; rail, 60 and 78 lbs.; owns 700 horses and 140 cars. Operated by Short system of electricity. C. B. Holmes, *Pres.;* R. B. Jennings, *Sec. & Treas.;* Robt. McCulloch, *Gen. Man.;* Chas. Ischer, *Supt.* GENERAL OFFICE, 3710 N. Broadway, St. Louis, Mo.

St. Louis Cable and Western Ry. Co. See General Index to POOR'S MANUAL OF RAILROADS.

Sedalia Street RR. Co. Main line, 3.25 miles; gauge, 4 ft. 10 in.; rail, 22 lbs.; owns 25 horses and 6 cars. Jasper D. Sicher, *Pres.;* Louis Deutsch, *Vice-Pres.;* Chas. Conrad, *Sec. & P. A.;* Fred. H. Guenther, *Treas.* GENERAL OFFICE, Third and Ohio Sts., Sedalia, Mo.

Southern Ry. Co. Main line, 16 miles; gauge, 4 ft. 10 in.; rail, 52 lbs.; owns 223 horses, 65 mules and 58 cars. W. L. Johnson, *Pres.;* J. S. Minary, *Sec. & Treas.;* J. F. Uhl, *Supt.* GENERAL OFFICE, 4041 Broadway, St. Louis, Mo.

SouthSide Street Ry. Co. A. P. Smith, *Pres.;* M. B. Freshman, *Vice-Pres.;* Clarence S. Palmer, *Sec. & Pres.* GENERAL OFFICE, Kansas City, Mo.

Tower Grove and Lafayette RR. Co. Main line, 6 miles; gauge, 4 ft. 10 in.; rail, 38 lbs.; owns 59 horses, 32 mules, and 20 cars. Chas. Green, *Pres.;* J. Perry, *Sec. & Treas.;* Patrick Shea, *Supt.* GENERAL OFFICE, 1810 Park Ave., St. Louis, Mo.

Union Depot RR. Co. Main line, 16 miles; gauge, 4 ft. 10 in.; rail, 45 lbs.; owns 375 horses and 76 cars. John Scullin, *Pres.;* C. M. Seaman, *Vice-Pres. & Treas.;* Jas. H. Roach, *Sec.;* James Scullin, *Supt.* GENERAL OFFICE, St. Louis, Mo.

Union (Cable) Ry. Co. Main line, 3.50 miles (cable); gauge, 4 ft. 8½ in.; rail, 56 lbs. Capital stock, $300,000. M. M. Broadwell, *Pres.;* J. O'Grady, *Vice-Pres.;* W. J. Broadwell, *Sec.;* W. Western, *Treas.* GENERAL OFFICE, Fourth and Highland St., Kansas City, Mo.

Union RR. Co. Main line, 8 miles; gauge, 4 ft. 10½ in.; rail, 52 lbs.; owns 321 horses and mules, and 87 cars. C. B. Holmes, *Pres.;* C. N. Duffy, *Sec. & Treas.;* Robt. McCulloch, *Supt.* GENERAL OFFICE, 3820 Easton Age., S. Louis, Mo.

Union Ry. Co. Main line, 10 miles; gauge, 4 ft. 8½ in.; rail, 20 to 52 lbs.; owns 24 horses, 42 cars, 14 electric motors and 4 other vehicles. Chartered June 21, 1876. Operated by Sprague system of electricity. *Operations:* passengers carried, 1,200,122. Earnings, passenger, $60,006.10. Expenses and taxes, $38,343.36. Net earnings, $21,662.74. Payment: interest on bonds, $8,666.66; dividend on stock, $12,996.08. Capital stock, $250,000; funded debt, 1st mortgage 5 per cent. 20-year $1,000 bonds, due September 1, 1909, interest payable March and September, $250,000—$500,000. Cost of road and equipment, $398,000; other assets, $102,000—total, $500,000. Jas. Craig, *Pres.;* Chas. F. Ernst, *Vice-Pres.;* A. Steinacker, *Sec. & Treas.;* Chas. S. Wilson, *Gen. Supt.* GENERAL OFFICE, St. Joseph, Mo.

Vine Street Motor Line. Proposed electric road. A. J. King, *Pres.;* J. W. Norton, *Gen. Man.* GENERAL OFFICE, Kansas City, Mo.

Waldo Park Ry. Co. Main line, 10 miles; gauge, 4 ft. 8½ in.; rail, 40 and 50 lbs.; owns 20 cars and 6 steam-motors. Capital stock, $100,000. John A. McDonald, *Pres.;* H. M. Meriwether, *Vice-Pres.;* E. F. Hill, *Sec. & Gen. Man.;* W. M. Sloan, *Treas.* GENERAL OFFICE, 204 West 9th St., Kansas City, Mo.

Wyatt Park Ry. Co. Main line, 15 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; cars, 22; engines, 3; dynamos, 4. Sprague system of electricity. J. M. Huffman, *Pres.;* J. R. Williams, *Sec.;* W. J. Hobson, *Treas.;* Theo. Steinacker, *Chief Eng.* GENERAL OFFICE, 429 Francis St., St. Joseph, Mo.

STATE OF MONTANA.

Butte City Street Ry. Co. Main line, 5.75 miles; branches, 1 mile—total length of road owned, 6.75 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; owns 10 cars, 3 steam-motors, 2 horses, and 2 grip-cars. Chartered and opened in 1887. Gross earnings in 1888, $25,500. Operat-

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ing expenses, $16,500. Net earnings, $9,000. Capital stock, $250,000. Cost of road and equipment, $210,000. Willard Bennett, *Pres.;* W. A. Clarke, *Vice-Pres.;* A. J. Johnson, *Treas.;* E. Congdon, *Sec.;* Jas. W. Cox, *Accountant;* W. Bennett, *Mgr.* GENERAL OFFICE, Thomas Block, Butte, Mont.

Helena Street Ry. Co. Main line, 3.5 miles; gauge, 4 ft. 8½ in.; rail, 38 lbs.; owns 40 horses and 8 cars. Capital stock, $50,000. Chas. W. Cannon, *Pres.;* H. M. Parchen, *Vice-Pres.;* H. L. Walker, *Sec. & Treas.;* W. H. Baker, *Supt.* GENERAL OFFICE, Helena, Mont.

Helena, Hot Springs and Smelter RR. Co. Main line, 5 miles; gauge, 4 ft. 8½ in.; rail, 35 to 50 lbs.; owns 3 steam-motors and 6 cars. E. D. Edgerton, *Pres.;* Wm. Muth, *Vice-Pres.;* J. B. Sanford, *Treas.;* J. Sullivan, *Gen. Mgr.* GENERAL OFFICE, Power Block, Helena, Mont.

STATE OF NEBRASKA.

Beatrice Street Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 25 and 35 lbs.; owns 20 horses, 10 mules and 4 cars. *Directors:* A. S. Eaddock, Thos. Yule, J. D. Kilpatrick, Robt. Kilpatrick, A. L. Green, J. S. Grable, J. N. McConnell, S. C. Smith, J. E. Smith, Beatrice, Neb. *Officers:* J. D. Kilpatrick, *Pres.;* J. E. Smith, *Vice-Pres. & Pur. Agt.;* A. L. Green, *Sec.;* John Ellis, *Treas.;* Fred. Sorenson, *Supt.* GENERAL OFFICE, Beatrice, Neb.

Citizens' Street Ry. Co. Main line, 3½ miles; gauge, 3 ft. 6 in.; rail, 20 lbs.; owns 4 cars and 8 horses. Chartered, May, 1887; road opened September, 1887. Franchise covers every street in city and all extensions. Earnings, year ending Nov. 1, 1889, $962; expenses, $1,235; loss, $273. Capital stock, authorized, $100,000; paid in, $15,000. Cost of road and equipment, $14,600. R. A. Batty, *Pres.;* C. L. Stone, *Treas.;* Henry Shedd, *Sec.;* J. M. Hamsher, *Supt.* GENERAL OFFICE, Hastings, Neb.

Grand Island Street Ry. Co. Main line, 5 miles; gauge, 4 ft. 6 in.; rail, 16, 20, and 35 lbs.; owns 60 horses and 9 cars. Chartered and opened in 1887. Capital stock (authorized, $100,000), $35,000. Cost of road and equipment, $32,000. A. H. Baker, *Pres.;* B. A. Koenig, *Vice-Pres.;* O. B. Thompson, *Sec. & Pur. Agt.;* Wm. A. Hagge, *Treas.;* W. C. Lamon, *Supt.* GENERAL OFFICE, Grand Island, Neb.

Hastings Improvement Co. Main line, 11 miles; gauge, 4 ft. 8½ in.; rail, 16 and 38 lbs.; owns 36 mules, 12 horses, and 16 cars. Jas. B. Heartwell, *Pres.;* J. J. Wemple, *Vice-Pres.;* H. Bostwick, *Treas.;* Chas. D. Heartwell, *Sec.;* J. A. Craft, *Supt.* GENERAL OFFICE, Hastings, Neb.

Lincoln Cable Ry. Co. Main line, 5 miles; gauge, 4 ft. 8½ in.; rail, 56 lbs.; owns 10 cars. Capital stock, $500,000. J. H. Ames, *Pres.;* Chas. Carpenter, *Vice-Pres.;* Lewis Coon, *Sec.;* J. H. McMurtry, *Treas.* GENERAL OFFICE, Lincoln, Neb.

Lincoln Rapid Transit Co. Main line, 8 miles; gauge, 4 ft. 8½ in.; rail, 25 and 38 lbs.; owns 10 cars, 30 horses and 3 steam-motors. John Fitzgerald, *Pres.;* J. R. Webster, *Sec.;* Samuel McCoy, *Treas.;* Geo. A. Kidd, *Supt.* GENERAL OFFICE, Lincoln, Neb.

Lincoln Street Ry. Co. Main line, 15½ miles; gauge, 4 ft. 8½ in.; rail, 20 and 38 lbs.; owns 170 horses and mules, and 31 cars. Chartered, April 7, 1885; opened September 1, 1885. Capital stock, $800,000; funded debt, $200,000. Funded debt consists of $100,000, 6 per cent. 20-year bonds, due January 1, 1907, interest payable Jan. and July, in Boston, Mass., and $100,000, 5 per cent. bonds, due 1909, interest payable March and Sept., in Boston, Mass. *Directors:* J. R. Clark, J. W. Deweese, J. D. Macfarland, C. J. Ernst, Lincoln, Neb.; one vacancy. *Officers:* J. W. Deweese, *Pres.;* C. J. Ernst, *Sec., Treas. & Supt.* GENERAL OFFICE, Lincoln, Neb.

Metropolitan Cable Ry. Co. Main line, 4.7 miles; gauge, 4 ft. 8½ in.; rail, 56 lbs.; owns 20 cars and 10 steam-motors. F. L. Underwood, *Pres.;* R. W. Patrick, *Sec.;* G. A. Joslyn, *Treas.* GENERAL OFFICE, Omaha, Neb.

Nebraska City Street Ry. Co. Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 20 to 40 lbs.; owns 4 cars and 26 horses. Chartered June 11, 1889; road opened January 1, 1890. *Financial Statement.*—Capital stock, $18,000; unfunded debt, $2,000. *Contra:* Cost of road, $18,000; other assets, $500. H. H. Bartling, *Pres. & Supt.;* J. C. Watson, *Sec.;* W. L. Wilson, *Treas.* GENERAL OFFICE, Nebraska City, Neb.

Norfolk Street Ry. Co. Main line, 2½ miles; sidings, ½ mile; gauge, 4 ft. 8½ in.; rail, 18 lbs.; owns 4 horses, 2 cars, and 2 mules. Chartered in June, 1887; road opened Dec. 15, 1887. *Statement*, for year ending Dec. 31, 1889: Earnings, $2,122; expenses and taxes, $720; net earnings, $1,402. Capital stock, $50,000. Cost of road, $8,500. C. B. Burrows, *Pres.;* H. A. Gerecke, *Treas.;* N. A. Rainbolt, *Sec.* GENERAL OFFICE, Norfolk, Neb.

North Lincoln Street Ry. Co. (Under construction) 3 miles; gauge, 4 ft. 8½ in.; rail, 25 lbs. To be operated by electricity. Capital stock, $30,000. Geo. E. Bigelow, *Pres.;* L. C. Humphrey, *Vice-Pres.;* D. L. Brace, *Treas.;* G. A. Bush, *Sec.* GENERAL OFFICE, Lincoln, Neb.

Omaha and Council Bluffs Ry. and Bridge Co. Main line, 9.5 miles; branches, 6 miles—total operated, 15.5 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs. Chartered March 2, 1887; opened December 1, 1888. Owns 20 coaches, 30 horses, 24 Thomson-Houston electric motors, and 5 other vehicles. Net earnings for the one month in operation, $6,990. Capital stock, $750,000; funded debt (1st mtge. 6 per cent. bonds, due July 1, 1908), $400,000. Cost of road and equipment, $750,000. John T. Stewart, *Pres.;* Guy C. Barton, *Vice-Pres.;* Geo. F. Wright, *Sec.;* Jos. H. Millard, *Treas.;* Thos. J. Evans, *Supt.* GENERAL OFFICE, Omaha, Neb.

Omaha Street Ry. Co. (Successor to the Omaha Horse Ry. Co., Omaha Cable Tramway Co., and Omaha Motor Co.) Length of line 87¼ miles; cable lines, 9½ miles; electric lines, 43 miles; horse lines, 35 miles; gauge, 4 ft. 8½ in.; rail, 30 and 35 lbs; owns 600 horses and 250 cars. Electric lines operated under Sprague and Thomson-Houston systems. Capital stock, $5,000,000; funded debt $1,500,000. Frank Murphy, *Pres.;* S. R. Johnson, *Vice-Pres.;* W. W. Marsh, *Treas.;* D. H. Goodrich, *Sec.;* W. A. Smith, *Gen. Man.* GENERAL OFFICE, Omaha, Neb.

Omaha Southwestern Street Ry. Co. Main line, 8 miles; gauge, 4 ft. 8½ in.; rail, 25 lbs.; owns 10 cars and 7 motors. Hy. Ambler, *Pres.;* S. J. Howell, *Sec.* GENERAL OFFICE, 217 S. 14th St. Omaha, Neb.

Plattsmouth Street Ry. Co. Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; horses, 12; cars, 4. Operated by Sprague system of electricity. Capital stock, $30,000; cost of road and equipment, $18,000. F. Carruth, *Pres.;* O. H. Ballou, *Treas.;* D. C. Mercer, *Sec.;* L. C. Mercer, *Gen. Supt.* GENERAL OFFICE, Plattsmouth, Neb.

South Lincoln Street Ry. Co. Main line, 2½ miles; gauge, 4 ft. 8½ in.; rail, 16 lbs.; owns 6 horses and 1 car. Road opened September 1, 1888. Statement for year ending Aug. 31, 1889. Earnings from 10,856 passengers, $1,022.77; expenses, $1,034.28; loss, $11.51. Capital stock, $25,000; unfunded debt, $900. Cost of road and equipment, $10,000. S. W. Burnham, *Pres.;* E. W. Eddy, *Sec. & Treas.;* A. W. Widdifield, *Lessee.* GENERAL OFFICE, Lincoln, Neb.

South Sioux City Electric Motor Ry. Co. Main Line, 2 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs. Chartered, June 1, 1889; road opened July 17, 1889. Cars, 1; horses, 4. *Earnings, etc.* from July 17, 1889, to February 28, 1890—Earnings (passenger), $1,168.58. Expenses and taxes, $841.67. Net earnings, $326.89. Average rate of fare, 5 cents. Capital stock, $20,000; unfunded debt, $2,000. *Contra:* Cost of road and equipment, $6,000. R. M. Bowler, *Pres.,* Des Moines, Ia.; J. M. Moan, *Sec.* Minneapolis Minn.: T. L. Griffey, *Treas.;* Wm. Luther, *Supt.,* Sioux City, Ia. GENERAL OFFICE, South Sioux City, Neb.

Standard Street Ry. Co. Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 16 lbs. T. G. M. Baldwin, *Pres. & Supt.;* M. H. Baldwin, *Vice-Pres.;* Chas. D. Pitcher, *Sec., & Treas.* GENERAL OFFICE, Lincoln, Neb.

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Wymore and Blue Springs Ry. Co. Main line, 3.5 miles; gauge, 3 ft. 6 in.; rail, 22 lbs.; horses, 10; cars, 4; other vehicle, 1. Chartered Nov. 4, 1884; opened Nov., 1885. Earnings, year ending Oct. 31, 1889—passenger, $3,259.01; other sources, $180—total, $3,439.01. Expenses and taxes, $3,203.31. Net earnings, $235.70. Capital stock, $33,400; cost of road and equipment, $27,618.87. John H. Reynolds, *Pres.*; E. P. Reynolds, Jr., *Sec. & Treas.*; Jacob Bauman, *Supt.* GENERAL OFFICE, Wymore, Neb.

STATE OF NEW HAMPSHIRE.

Concord Horse RR. Co. Main line, 7 miles; sidings, 0.75 mile; gauge, 3 ft.; rail (steel), 30 and 35 lbs. Chartered June 26, 1878; road opened April, 1881. Owns 11 cars, 16 horses, and 12 other vehicles. *Operations* for year ending Dec. 31, 1889—Cars run 88,330 miles; passengers carried, 293,248. Earnings from passengers, $22,479.53; other sources, $209.36—total $22,688.89. Expenses, $17,310.17. Net earnings, $5,378.72; dividends on stock, $3,000. *General Balance Sheet*, Dec. 31, 1889: Construction and equipment, $47,617.18; land and buildings and other assets, $13,231.78—total assets, $60,848.96. *Contra*: Capital stock, $50,000; notes payable, $2,400; surplus, $8,448.96. *Directors*: Moses Humphrey, Geo. A. Cummings, Howard A. Dodge, A. Frank Holt, John H. Albin, Concord, N. H.; Paul R. Holden, West Concord, N. H.; John C. Pearson, Penacook, N. H. *Officers*: Moses Humphrey, *Pres.* & *Supt.*; E. C. Hogue, *Treas.*; N. E. Martin, *Sec.* GENERAL OFFICE, Concord, N. H.

Dover Horse Ry. Co. Main line, 2.39 miles; sidings, 0.14 mile; gauge, 3 ft.; rail, 30 lbs.; owns 15 horses, 4 cars, and 7 other vehicles. *Operations* for year ending Dec. 31, 1889: passenger run, 40,283 miles; passengers carried, 125,033. Earnings from passengers, $6,095.48; other sources, $101—total, $6,196.48. Expenses, $4,086.16. Net earnings, $2,110.32. *General Balance Sheet*, Dec. 31, 1888: Capital stock, $19,450; funded debt, $984.43; surplus, $1,397.48—total liabilities, $21,831.91. *Contra*: Construction, $15,237.44; equipment, $7,196.99; cash and cash assets, $1,397.48—total assets, $21,831.91. A new company, known as the Union Street RR. Co., has been organized as successor to this company, and is building an electric road from Dover, N. H., to Great Falls, including the line of the Dover Horse RR. GENERAL OFFICE, Dover, N. H.

Laconia and Lake Village Street Ry. Co. Main line, 2.13 miles; sidings, 0.17 mile; gauge, 3 ft.; rail, 25 lbs. Chartered July 27, 1881; road opened Aug. 19, 1882. Owns 20 horses, 8 cars, and 8 other vehicles. *Operations* for year ending Dec. 31, 1889: Cars run, 47,587 miles; passengers carried, 168,047. Earnings from passengers, $8,548.71; other sources, $567.80—total, $9,116.51. Expenses, $6,555.83. Net earnings, $2,560.68. Payments: Interest on bonds, $394; dividends on stock, $1,000—total, $1,394. Balance, surplus, $1,166.68. *General Balance Sheet*, Dec. 31, 1889: Construction and equipment, $31,640.94; other assets, $1,878.05—total assets, $33,518.99. *Contra*: Capital stock, $20,000; unfunded debt, $7,375.10; surplus, $6,143.89—total liabilities, $33,518.99. *Directors*: A. G. Folsom, Charles A. Busiel, S. C. Clark, S. B. Smith, C. C. Lewis, J. Cook, G. Gilbert. *Officers*: A. G. Folsom, *Pres.*; E. Little, *Treas.* & *Clerk*; B. S. Kemiston, *Supt.* GENERAL OFFICE, Laconia, N. H.

Manchester Horse Ry. Co. Main line, 9 miles; sidings, .04 mile—total track, 9.04 miles; gauge, 3 ft.; rail, 27 and 34 lbs. Chartered July 16, 1874; road opened in 1877. Owns 22 cars and 100 horses. *Operations* for year ending Oct. 31, 1888: Cars run, 260,995 miles; passengers carried, 1,000,854. Earnings from passengers, $41,942.70; other sources, $1,634.17—total $43,576.87. Expenses, $42,318.07. Net earnings, $1,258.80; surplus from last year, $252.65—total available revenue, $1,511.45. Paid dividends (6 per cent.), $1,500; balance, surplus, $11.45. *General Balance*, Sept. 30, 1888: Capital stock, $25,000; unfunded debt, $22,500; surplus, $11.45—total liabilities, $47,511.45. *Contra*: construction and equipment, $47,500; cash and cash assets, $11.45—total assets, $47,511.45. *Directors*: S. N. Bell, F. Smyth, J. A. Weston, J. Carpenter, F. Higgins, Manchester, N. H. *Officers*: S. N. Bell, *Pres.*; A. Quincy Gage, *Supt.*; F. Smyth, *Treas.*; Jas. A. Weston, *Clerk*. GENERAL OFFICE, Manchester, N. H.

Nashua Street Ry. Co. Main line, 3.94 miles; gauge, 3 ft.; rail, 35 lbs. Chartered August 14, 1885; road opened May 19, 1886. Owns 49 horses, 12 cars and 6 other vehicles. *Operations* for year ending Sept. 30, 1888: Passengers carried, 302,593; cars run, 72,844 miles. Earnings from passengers, $15,129.65; other sources, $1,048.63—total, $16,178.28. Expenses, $12,361.97. Net earnings, $3,816.31. *General Balance Sheet*, Sept. 30, 1888: Capital stock, $20,000; unfunded debt, $20,756; cash on hand, $4,713.77—total liabilities, $45,469.77. *Contra*: Construction, $23,473.31; equipment, $14,597.78; land and buildings, $6,880.44; cash and cash assets, $518.24—total assets, $45,469.77. *Directors*: Geo. H. Knowles, Boston, Mass.; Jno. H. Fisher, Jno. D. Chandler, Wm. H. Knowles, Henry Stearns, Jno. F. Harris, Nashua, N. H.; Chas. Williams, Manchester, N. H. *Officers*: Geo. H. Knowles, *Pres.*; Chas. H. Porter, *Supt.*; Jno. D. Chandler, *Clerk* & *Treas.* GENERAL OFFICE, Nashua, N. H.

STATE OF NEW JERSEY.

Camden and Atlantic RR. Co. Main line, 8.5 miles; gauge, 5 ft. 1 in.; rail, 35 and 47 lbs.; owns 100 horses and mules, and 18 cars. Wm. L. Elkins, *Pres.*; Wm. J. Sewell, *Vice-Pres.*; D. M. Zimmerman, *Sec.*; W. Taylor, *Treas.*; Wm. N. Bannard, *Supt.* GENERAL OFFICE, Camden, N. J.

Camden Horse RR. Co. Main line, 15 miles; gauge, 4 ft. 1 in.; rail, 35 to 52 lbs.. Chartered March 23, 1866; road opened in November, 1871; owns 150 horses and 47 cars. Capital stock, $250,000; funded debt, $250,000. Interest payable at N. J. Trust & Safe Deposit Co., Camden, N. J. *Directors*: Thomas A. Wilson, John Hood, Calvin S. Cromwell, Wilbur F. Rose, Camden, N. J.; Henry McKeen, Jr., Easton, Pa. *Officers*: Wm. S. Scull, *Pres.*; N. Kohn, *Vice-Pres.*; M. W. Hall, *Sec.*; G. G. Browning, *Treas.*; S. J. Fenner, *Supt.* GENERAL OFFICE, 3d and Market Streets, Camden, N. J.

Cape May and Schellenger's Landing Horse RR. Co. Main line, 3 miles; gauge, 5 ft. 2 in.; rail, 45 lbs.; owns 50 horses and 8 cars. Wm. Wharton, Jr., *Pres.*; Thomas H. Williamson, *Vice-Pres.*; Wm. Selfridge, *Sec.* & *Treas.*; Jas. Leaming, *Supt.* GENERAL OFFICE, Cape May, N. J.

City Railway Co. Main line, 13.5 miles; gauge, 5 ft. 2½ in.; rail, 35 lbs.; owns 153 horses, 11 mules, and 23 cars. *Directors*: Adam Exton, Wm. H. Skirm, H. B. Howell, Chas. Y. Barnford, John Exton, Wm. H. Brokaw, Wm. C. Brandt, Fred. Walter, F. S. Katzenbach, Jos. B. Yard, Geo. Fitzgeorge, R. P. Wilson, John Schweizer, Trenton, N. J. *Officers*: W. H. Skirm, *Pres.*; John Exton, *Vice-Pres.*; H. B. Howell, *Sec.*; Chas. Y. Barnford, *Treas.* & *Man.* GENERAL OFFICE, 204 Clinton St., Trenton, N. J.

Elizabeth and Newark Horse RR. Co. Main line, 14 miles; gauge, 4 ft. 10½ in. and 5 ft. 2½ in.; rail, 25 to 47 lbs.; owns 144 horses and 28 cars. Leased to the Connelly Street Ry. Equipment Co. John S. Connelly, *Pres.*; T. E. Connelly, *Vice-Pres.* & *Treas.*; John N. Akerman, *Man.* & *Supt.* GENERAL OFFICE, 90 Broad St., Elizabeth, N. J.

Elizabeth Street Ry. Co. Main line, 3 miles; gauge, 5 ft. 2 in.; rail, 40 lbs.; cars, 7; horses, 43. F. L. Heidritter, *Pres.*; E. C. Woodruff, *Treas.*; F. M. Voorhees, *Sec.*; J. C. Husband, *Supt.* GENERAL OFFICE, Elizabeth, N. J.

Essex Pass. Ry. Co. Main line, 50 miles; gauge, 5 ft. 2½ in.; rail, 47 lbs.; owns 1,015 horses and 143 cars. S. S. Battin, *Pres.*; F. T. Kirk, *Sec.* & *Treas.*; H. F. Totten, *Supt.* GENERAL OFFICE, 786 Broad St., Newark, N. J.

Jersey City and Bergen RR. Co. Main line, 18.66 miles; gauge, 4 ft. 10½ in.; rail, 47 and 60 lbs.; chartered March 15, 1859; owns 780 horses and 126 cars. *Operations* for 1889. Earnings, passengers, $504,017.69; other, $2,336.55—total, $506,354.34. Expenses and taxes, $379,578.87. Net earnings, $126,775.47. Paid interest on bonds, $18,000; dividend (6 p. c.), $60,000—total, $78,000. Balance, surplus, $48,775.47. *Financial Statement*. Capital stock, $600,000; funded debt, general mortgage 7 per cent. 30-year bonds, due January, 1904, interest payable January and July ($1,000,000 auth.), $258,000—total, $858,000. *Contra*: construction, $529,620.70;

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equipment, $210,290.06; real estate, etc., $238,206.38—total, $978,117.14. Interest and dividends payable at company's office. Chas. B. Thurston, *Pres.;* E. F. C. Young, *Vice-Pres.;* Warren E. Dennis, *Sec.;* Joseph S. Van Zandt, *Treas.;* Thomas M. Sayre, *Supt.* GENERAL OFFICE, 1 Exchange Place, Jersey City, N. J.

Keyport and Mattawan Street Ry. Co. Main line, 3.5 miles; gauge, 4 ft. 8½ in.; rail, 38 and 60 lbs.; owns 40 horses and 6 cars. Capital stock, $60,000. W. H. Reid, *Pres.;* Daniel W. Pugh, *Vice-Pres.;* F. D. Russell, *Treas.;* John S. Pugh, *Sec.* GENERAL OFFICE, Keyport, N. J.

Newark and Irvington RR. Co. Main line, 7 miles; gauge, 5 ft. 2½ in.; rail, 47 lbs.; owns 165 horses and 32 cars. S. S. Battin, *Pres.;* W. L. Mulford, *Sec.;* H. F. Totten, *Supt.* GENERAL OFFICE, 786 Broad St., Newark, N. J.

Newark, South Orange, Ferry Street, and Hamburg Place RR. Co. Main line, 15 miles; gauge, 5 ft. 2½ in.; rail, 45 lbs.; owns 330 horses and 49 cars. John Radel, *Pres.;* Frederick Adam, *Vice-Pres.;* Andrew Radel, *Sec.;* Joseph Crequi, *Treas.* GENERAL OFFICE, South Orange Ave. and South Nineteenth St., Newark, N. J.

New Brunswick City RR. Co. Main line, 3.5 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; owns 23 horses and 5 cars. Capital stock, $100,000; funded debt, $50,000, first mortgage 6 per cent. 15-year bonds, due July 1, 1901, interest payable January and July. Cost of road and equipment, $150,000. Winthrop Pond, *Pres.;* F. Daniels, *Treas. & Sec.;* John Sebolt, *Supt.* New Brunswick, N. J.

North Hudson County Ry. Co. Main line, 32 miles; gauge, 4 ft. 7 in.; rail, 50 and 60 lbs.; owns 705 horses and 128 cars, 14 cable cars, 6 motors and 16 motor cars. John H. Bonn, *Pres.;* F. J. Mallory, *Sec.;* F. Michel, *Treas.;* Nicholas Goetz, *Supt.* GENERAL OFFICE, Hoboken, N. J.

Orange Cross Town and Bloomfield Ry. Co. (successor to the Orange Cross Town and Orange Valley Street Ry. Co.) Main line, 7 miles; gauge, 5 ft. 2 in.; rail, 38 lbs. Chartered in September, 1886; road opened, May 18, 1887; owns 13 cars, 80 horses, and 2 electric motors (Daft system). Passengers carried in 1889, 830,000. Earnings, about $41,000. Capital stock, $60,000. Funded debt, 6 per cent. 20-year bonds, due in 1908, interest payable in March and Sept., $60,000. Cost of road, $120,000; interest payable at Central Trust Co., N. Y. Francis M. Eppley, *Pres.;* Thomas Marsh, *Sec.;* Edward A. Pearson, *Treas.;* J. F. Walker, *Supt.* GENERAL OFFICE, 203 Washington St., Orange, N. J.

Paterson Ry. Co. (Consolidation in May, 1887, of Paterson City RR. Co., and Paterson and Passaic RR. Co.) Main line, 16 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; owns 150 horses and 45 cars. Chartered and opened May, 1888. Earnings, average $8,000 per month. Capital stock, $135,000; funded debt, 6 per cent. 20-year bonds, due in 1908, $180,000; interest payable at First National Bank, Paterson, N. J. Cost of road and equipment (originally), $400,000. *Directors:* Garret A. Hobart, Wm. Barbour, Helmas Romaine, Edward T. Bell, Edward Van Houten, John W. Griggs, John J. Brown, Samuel S. Sherwood, John N. Terhune, William T. Ryle, Albert A. Wilcox. *Officers:* G. A. Hobart, *Pres.;* H. Romaine, *Vice-Pres. & Mgr.;* John J. Brown, *Treas.;* A. A. Wilcox, *Sec.;* M. Pettigrew, *Supt.* GENERAL OFFICE, 27 Broadway, Paterson, N. J.

Pavonia Horse RR. Co. Main line, 7 miles; gauge, 4 ft. 10 in.; rail, 40 and 56 lbs.; owns 100 horses and 30 cars. M. E. Staple, *Mgr.* GENERAL OFFICE, 636 Summit Ave., Jersey City, N. J.

Phillipsburgh Horse Ry. Co. Main line, 2.25 miles; gauge, 4 ft. 8 in.; rail, 35 lbs.; owns 13 horses and 4 cars. Daniel Runkle, *Pres.;* James W. Long, *Sec. & Treas.* GENERAL OFFICE, Phillipsburgh, N. J.

Seashore Electric Ry. Co. Main line, 7 miles; gauge, 4 ft. 8½ in.; rail, 47 lbs.; owns 21 cars, 4 engines, 5 dynamos; electric power (Daft System). W. P. Stevenson, *Pres.;* D. T. Thomson, *Sec.;* W. J. Broadmeadow, *Supt.*, New York, N. Y. GENERAL OFFICE, Asbury Park, N. J., and 115 Broadway, N. Y. City.

Trenton Horse RR. Co. Length of line, 8.50 miles; gauge, 5 ft. 2 in.; rail, 35, 45 and 52 lbs.; owns 125 horses, 29 cars and 3 other vehicles. Lewis Perrine, Jr., *Pres.;* Geo. E. Kessler, *Sec.;* W. S. Gulick, *Asst. Supt.* GENERAL OFFICE, cor. Greenwood and South Clinton Aves., Trenton, N. J.

STATE OF NEW YORK.

Albany Ry. Co. Chartered September 14, 1863. Gauge, 4 ft. 8½ in.; rail 33 to 50 lbs. Rates of fare, 5 and 6 cents. Funded debt consists of $40,000 1st mtge. 5 per cent. bonds, due January 1, 1905, interest payable January and July; $20,000 2d mtge. 7 per cent. bonds, due May 1, 1893, interest payable May and November; $28,500 2d mtge. 7 per cent. bonds, due July 1, 1895, interest payable January and July; $11,500 4th mtge. 6 per cent. bonds, due May 1, 1905, interest payable March and September; $50,000 5th mtge. 5 per cent. bonds, due September 1, 1913, interest payable March and September—total funded debt, $150,000. Since the close of the fiscal year the company has made an issue of $150,000 ($500,000 authorized) consolidated mtge. 5 per cent. 40-year coupon $1,000 gold bonds, due January 1, 1930, interest payable January and July at the office of the trustee, Central Trust Co., New York, N. Y. The amount issued is deposited with the trustee for the redemption of the bonds now outstanding on the several mortgages. The remainder of the authorized issue ($350,000) is to be used for the purpose of reconstructing the road and providing equipment, etc., for operating the road by electricity. *Directors:* Jas. McCredie, M. Delehanty, A. B. Banks, S. W. Rosendale, R. C. Pruyn, J. W. McNamara, T. J. Cowell, W. H. Johnson, I. Waldman, J. H. Manning, W. McEwan, A. N. Brady, L. Cogswell, Albany, N. Y. *Officers:* Robert C. Pruyn, *Pres.;* James McCredie, *Sec.*, Albany, N. Y. GENERAL OFFICE, Albany County Bank Building, Albany, N. Y.

Albany and East Greenbush Horse Ry. Co. Gauge, 4 ft. 8 in. *Officers:* A. B. Banks, *Pres.;* J. W. Gascoigne, *Sec. & Supt.* GENERAL OFFICE, 473 Broadway, Albany, N. Y.

Albany Electric Ry. Co. Gauge, 4 ft. 8 in.; rail, 47 to 50 lbs. *Officers:* Robt. C. Pruyn, *Pres.;* Anthony N. Brady, *Vice-Pres.;* James McCredie, *Sec.;* Jno. W. McNamara, *Treas. & Gen. Man.* GENERAL OFFICE, Albany, N. Y.

Amsterdam Street RR. Co. Chartered February 5, 1873. Gauge, 4 ft. 8½ in.; rail, 25 lbs. Rate of fare, 5 cents. Leased and operated by James R. Snell; rent, $1,000 per annum. *Directors:* Hy. Herrick, David Cady, L. G. Gardiner, D. W. Shuler, Jas. H. Bronson, Stephen Sanford, Martin L. Stover, C. F. Nelson, W. Wendell, G. Blood, James Voorhees, Amsterdam, N. Y.; D. Fritcher, Fonda, N. Y. *Officers:* Hy. Herrick, *Pres.*, Amsterdam, N. Y.; M. L. Stover, *Sec.;* D. Cady, *Treas.;* Jas. R. Snell, *Supt. & Lessee*, Amsterdam, N. Y. GENERAL OFFICE, Amsterdam, N. Y.

Atlantic Avenue RR. Co. Chartered May 1, 1872. Successor to Brooklyn and Jamaica RR. (which see). This company operates 10 lines of road, the main line of which is on Atlantic Avenue. Of the mileage owned as given above, 9.50 miles, from Bush Avenue, Brooklyn, to Jamaica, L. I., is leased to the Long Island RR. Co. Gauge, 4 ft. 8½ in.; rail, 47 to 60 lbs. Capital stock, par value, $50. Rates of fare, 3 and 5 cents. Funded debt, $140,500 7 per cent. bonds, due May 1, 1894, interest payable May and November; $759,000 general mortgage 5 per cent. bonds, due October 1, 1909, interest payable April and October; $66,000 real estate mortgages. Dividends payable January, April, July, and October 1, at the Fulton National Bank, Brooklyn, N. Y. Interest payable at the National City Bank of Brooklyn, N. Y., and Broadway Bank of New York, N. Y. *Directors:* Wm. Richardson, F. A. Schroeder, N. H. Frost, B. F. Tracy, Sam. W. Bowne, Jas. H. Kirby, Augustus H. Storrs, W. J. Richardson, John G. Jenkins, Joseph O'Brien, Wm. H. Wallace, Wm. F. Redmond, Brooklyn, N. Y. *Officers:* William Richardson, *Pres. & Supt.;* Wm. J. Richardson, *Sec.;* N. H. Frost, *Treas.*, Brooklyn, N. Y. GENERAL OFFICE, cor. Third and Atlantic Avenues, Brooklyn, N. Y.

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CITY AND SUBURBAN TRAMWAYS—STATE OF NEW YORK.

Railroad.	Railroad. Total Line.	Railroad. Total Track.	Horses, etc.	Cars	Liabilities. Share Capital.	Liabilities. Funded Debt.	Liabilities. Other Debt.	Liabilities. Total.	Assets. Cost of RR. and Equipment.	Assets. Other Investments.	Passengers Carried.	Gross Earnings.	Operating Expenses.	Net Income.	Payments from Available Revenue. Interest.	Payments from Available Revenue. Dividends.	Per cent. of Dividends.	Surplus.
	M.	M.	No.	No.	$	$	$	$	$	$	No.	$	$	$	$	$		$
Albany	10.12	14.23	250	59	275,000	150,000	6,341	431,341	416,406	.....	2,993,866	149,689	125,997	23,692	8,585	8,250	3	2,367
Amsterdam	1.62	1.68	12	4	15,000	.....	1,528	16,528	15,000	.....	142,068	5,683	4,543	1,139	.....	.....	.....	139
Atlantic Avenue	11.50	12.03	1,125	296	1,000,000	965,500	157,050	2,122,550	2,122,646	143,375	10,948,327	571,231	475,069	96,162	56,675	60,000	6	d23,948
Auburn City	5.25	5.63	40	16	50,000	60,000	.....	110,000	100,400	.....	223,290	11,164	10,352	813	1,545	.....	.....	d. 898
Babylon	1.53	1.53	.....	4	5,600	.....	846	6,446	11,285	.....	3,442	344	1,033	d. 688	.....	.....	.....	d. 688
Binghampton Central	3.93	4.08	.....	9	22,600	.....	.....	22,600	22,600	.....	42,893	1,966	1,819	146	.....	.....	.....	.....
B'gh'ton & Pt. D'kson	6.00	6.00	25	13	27,164	.....	.....	27,164	28,512	.....	.....	14,656	10,030	4,626	.....	2,370	.....	1,326
Bleecker St. & Ful. Fy	4.50	9.00	.....	.....	900,000	700,000	.....	1,600,000	1,801,932	.....	.....	.....	.....	.....	.....	.....	.....	.....
Broadway (Brooklyn)	11.68	23.04	635	204	525,000	350,000	22,380	897,380	874,231	.....	6,945,801	338,074	292,415	45,658	19,000	.....	.....	13,762
B'way & Seventh Ave.	8.33	16.66	1,992	224	2,100,000	2,200,000	89,998	4,389,998	4,298,875	.....	31,782,222	1,533,667	1,000,735	532,931	111,172	84,000	4	86,833
Broadway Surface	2.51	5.87	.....	.....	932,000	2,500,000	.....	3,432,000	3,432,000	.....	.....	.....	.....	.....	.....	.....	.....	.....
B'klyn, B'w'k & Q.Co.	6.00	11.00	173	47	100,000	250,000	86,793	436,793	380,272	.....	1,527,600	69,506	73,251	d. 3,745	15,000	.....	.....	d20,303
Brooklyn City	39.17	89.60	4,793	1,304	3,200,000	800,000	2,102,000	6,102,000	4,411,511	2,115,735	56,300,000	2,726,460	2,141,770	584,690	68,003	256,000	8	131,985
B'klyn City & Newt'n	11.40	21.35	614	218	1,000,000	600,000	595,067	2,195,067	2,190,215	13,073	8,266,845	388,065	323,566	64,499	42,000	.....	.....	d.2,220
Brooklyn Crosstown	5.01	10.02	.....	.....	500,000	200,000	.....	700,000	784,492	.....	6,600,000	319,545	258,080	61,465	10,482	50,000	10	4,977
Buffalo	8.60	17.39	914	126	100,000	807,000	168,909	1,075,909	1,004,698	.....	9,210,286	438,503	363,638	74,864	61,945	.....	.....	4,461
Buffalo East Side	31.70	42.61	448	59	100,000	693,500	164,781	958,281	943,000	.....	5,306,317	292,848	195,298	57,551	47,390	.....	.....	1,848
Bushwick	12.15	23.56	.....	.....	500,000	564,000	.....	1,064,000	1,131,874	.....	.....	.....	.....	64,050	29,450	35,000	.7	.....
Cal.Cem.,G'np't & B'n	3.47	6.07	.....	.....	100,000	200,000	.....	300,000	300,000	.....	285,000	13,366	12,117	589	12,000	.....	.....	d.2,555
Canandaigua	2.50	2.50	23	6	28,730	20,000	5,600	54,330	53,487	.....	113,558	5,155	3,706	1,449	1,200	.....	.....	54
Cent. City (Syracuse)	2.87	4.34	63	16	100,000	.....	5,000	105,000	130,432	.....	.....	36,264	27,724	8,540	.....	6,498	6½	1,027
Central Crosstown	2.04	4.19	211	47	600,000	250,000	.....	850,000	840,000	1,000	.....	224,442	132,963	91,449	15,000	43,500	7½	12,678
Cen. Pk, No. & E. Riv.	9.58	19.16	1,044	136	1,800,000	1,200,000	25,325	3,025,325	2,774,021	6,000	.....	702,317	541,767	160,550	84,000	.....	.....	28,669
Cham. St. & G'd St. Fy.	2.33	5.13	135	35	800,000	.....	34,915	834,915	833,472	.....	.....	108,609	85,565	23,044	.....	.....	.....	17,048
Chris., & Tenth Street	2.25	4.50	312	55	650,000	180,000	12,540	842,540	737,369	66,700	.....	266,620	174,037	92,583	11,460	45,500	7	12,255
City (Binghampton)	1.00	1.00	7	2	6,000	.....	.....	6,000	8,024	.....	.....	3,788	2,774	1,014	.....	.....	.....	892
City (Poughkeepsie)	3.25	4.00	45	11	76,916	.....	.....	76,916	90,546	3,000	224,808	18,673	15,568	3,106	200	.....	.....	1,122
City Island	1.60	1.80	.....	.....	12,500	27,873	37	40,410	40,287	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coney Island & B'k'n.	10.75	16.94	375	104	500,000	300,000	21,746	821,746	847,762	.....	4,830,645	234,799	188,170	46,630	15,000	.....	.....	11,123
Cortland and Homer	4.08	4.08	18	8	40,000	.....	97	40,097	43,533	.....	134,894	11,298	9,958	1,340	.....	1,200	3	140
Court St. & East End.	3.27	3.27	17	9	35,000	.....	1,326	36,326	38,326	.....	188,996	8,551	6,253	2,298	.....	.....	.....	2,298
Dry D'k, E. B'y & Bat.	10.40	20.27	938	185	1,200,000	2,040,000	121,600	3,361,600	3,067,808	241,044	15,395,249	781,288	590,639	190,649	130,800	48,000	4	9,338
Dunkirk and Fredonia	3.50	3.50	10	6	57,000	.....	700	57,700	58,301	.....	92,467	10,816	5,939	4,877	42	4,560	8	275
Eighth Avenue	10.00	20.00	1,025	135	1,000,000	1,000,000	10,000	2,010,000	1,756,148	6,120	.....	650,433	485,855	164,578	60,000	60,000	6	21,660
Elmira & Horseheads	9.64	10.09	37	18	68,000	100,000	22,591	190,591	168,967	.....	.....	26,508	22,891	3,611	1,500	.....	.....	2,207
Fifth Ward (Syracuse)	2.66	3.04	56	10	49,200	21,510	1,794	72,504	65,166	.....	.....	36,763	31,741	5,022	1,179	1,968	4	1,896
42d St. & Grand St. Fy.	5.12	10.25	490	58	748,000	236,000	73,482	1,057,482	1,060,311	2,500	.....	393,565	246,889	146,676	16,520	89,760	12	10,187

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Auburn City Ry. Co. Chartered October 1, 1886. Consolidation of East Genesee Street and Seward Avenue Ry. Co. and Auburn and Owasco Lake Ry. Co. Gauge, 4 ft. 8½ in.; rail, 30 and 42 lbs. Rate of fare, 5 cents. Operated by electricity. *Directors:* H. B. Hollins, F. A. Yznaga, C. L. Horton, D. B. Hatch, C. B. Foote, New York, N. Y.; C. B. Kosters, G. W. Allen, Auburn, N. Y. *Officers:* G. W. Allen, *Pres.;* C. B. Kosters, *Man.*, Auburn, N. Y.; C. L. Horton, *Sec. & Treas.*, New York, N. Y. GENERAL OFFICE, Auburn, N. Y.

Babylon RR. Co. Chartered April 15, 1871, and road opened same year. Gauge, 4 ft. 9 in.; rail, 60 lbs. Rate of fare 6 cents. Capital stock authorized, $25,000, par, $25 per share. Practically owned by David S. S. Sammis. *Directors:* David S. S. Sammis, Jno. R. Reid, Jos. M. Sammis, W. F. Norton, E. M. Sammis, Babylon, L. I., N. Y.; Edwd. Dodd, Brooklyn, N. Y. *Officers:* Washington F. Norton, *Pres.;* J. R. Reid, *Treas.;* Jos. M. Sammis, *Sec.;* David S. S. Sammis, *Supt.*, Babylon, L. I.

Binghamton Central RR. Co. Chartered Feb., 26, 1883. Contract for construction entered into June 13, 1883. Gauge, 3 ft.; rail, 28 lbs. Rate of fare, 5 cents. *Directors:* J. B. Landfield, Chas. O. Root, J. P. E. Clark, Gustave Stickley, R. H. Meagley, S. J. Newton, G. T. Rogers, Binghamton, N. Y. *Officers:* G. Tracy Rogers, *Pres.;* J. B. Landfield, *Vice-Pres.;* Charles O. Root, *Sec.;* S. J. Newton, *Treas.*, Binghamton, N. Y. GENERAL OFFICE, Binghamton, N. Y.

Binghamton and Port Dickinson RR. Co Chartered May 1, 1868. Gauge, 4 ft. 8½ in.; rail, 28 to 35 lbs. Leased for 10 years from January 1, 1883, to N. C. Osborn, at an annual rental of $3,300, which, after deducting expenses, is divided *pro rata* among the stockholders, on the 1st days of January and July. Rates of fare, 3, 4, and 5 cents. *Directors:* Harvey Westcott, C. Bean, T. G. Rich, T. G. Rich, Jr., C. Waterman, E. B. Rich, Geo. M. Harris, Binghamton, N. Y. *Officers:* Harvey Westcott, *Pres.;* G. M. Harris, *Sec. & Treas.;* N. L. Osborn, *Supt. & Lessee*, Binghamton, N. Y. GENERAL OFFICE, Binghamton, N. Y.

Binghamton Street Ry. Co. Formed by consolidation of all street railways in Binghamton, N. Y. *Directors:* Jerome B. Landfield, Gustav Stickley, Chas. O. Root, G. T. Rogers, T. S. Rogers, Geo. Whitney, J. H. C. Clark. *Officers:* Jerome B. Landfield, *Pres.;* Gustav Stickley, *Vice-Pres.;* Chas. O. Root, *Sec.;* G. T. Rogers, *Treas.* GENERAL OFFICE, Binghamton, N. Y.

Bleecker Street and Fulton Ferry RR. Co. Chartered December 12, 1864. Leased for 99 years, from January 10, 1876, to the Twenty-Third Street RR. Co.; rental interest on funded debt and 1½ per cent yearly dividends on stock. Funded debt consists of $700,000 1st mtge. 7 per cent. bonds, due July 1, 1890, interest payable January and July. Rental received from lessee $62,500, from which was paid interest on funded debt, $49,000; dividends declared 1½ per cent. on capital stock, $13,500. *Directors:* Isaac Hendrix, John H. Selmes, Matthew H. Beers, Samuel M. Smith, E. Beadleston, Otis W. Randall, Horace P. Dickie, Jos. Jacobs, Jno. Downey, Henderson Moore, Alex. E. Kurshedt, M. M. White, New York, N. Y.; H. W. Bentley, Boonville, N. Y. *Officers:* Arthur Leary, *Pres.;* Jno. H. Selmes, *Vice-Pres.;* T. H. McLean, *Sec. & Treas.*, New York, N. Y. GENERAL OFFICE, 621 W. 23d St., New York, N. Y.

Broadway (of Brooklyn) RR. Co. Chartered August 20, 1858, and road opened in April, 1859. Gauge, 4 ft. 8½ in.; rail, 50 to 60 lbs. Reid Avenue branch opened October 27, 1873. Consolidated May 29, 1883, with the Yates Avenue and Flatbush RR., which was opened May 14, 1881. The Cypress Hills Extension, owned jointly by this company and the Brooklyn City Co., was opened January 1, 1876. The half interest of the Brooklyn City Co. was purchased May 12, 1883. Branch from Ralph Avenue to Atlantic Avenue opened 1886. Funded debt consists of $250,000 Broadway RR. 1st mtge. 7 per cent. bonds, due July, 1889, interest payable January and July, and $100,000 Sumner Avenue Branch 1st mtge. 6 per cent. bonds, due July, 1889, interest payable January and July. By an agreement made with the bondholders in June, 1888, the rate of interest on both issues of bonds was reduced to 5 per cent. per annum—the reduction to date from January 1, 1889. Interest and dividends payable at the office of the company. Rates of fare, 3 and 5 cents. *Directors:* Edwin Beers, W. H. Husted, Sam. M. Meeker, Brooklyn, N. Y.; Fredk. Cromwell, New York, N. Y.; Eckford Webb, W. M. Ingraham, W. F. Garrison, Jno. G. Jenkins, Peter Wyckoff, Geo. L. Fox, Wm. H. Malo, Brooklyn, N. Y.; John C. Farman, S. L. Husted, Jr., New York, N. Y. *Officers:* Edwin Beers, *Pres.;* Robert Sealey, *Sec. & Treas.;* Joshua Crandall, *Supt.*, Brooklyn, N. Y. GENERAL OFFICE, 21 Broadway, Brooklyn, N. Y.

Broadway and Seventh Avenue RR. Co. Chartered May 26, 1864. Gauge, 4 ft. 8½ in.; rail, 47 to 60 lbs. Rate of fare, 5 cents. Funded debt consists of $1,500,000 1st mtge. 5 per cent. bonds, due June 1, 1904; $500,000 2d mtge. 5 per cent. bonds, due July 1, 1914; $200,000 5 per cent. bond and mortgage, interest January, July, February and August. In addition to the funded debt above mentioned, this company, in part consideration for the use of the tracks of the Broadway Surface Railroad Company, in Broadway, between Fifteenth Street and the Battery, assumes the payment of the principal and interest of $1,125,000 of the first mortgage bonds of the Broadway Surface Railroad Company, and likewise has assumed payment of the interest of the second mortgage bonds of said company to the amount of $1,000,000, and also, by the lease of the South Ferry RR. Co., it assumes the payment of principal and interest of $350,000 of the mortgage bonds of that company, which payments are charged as rentals, as follows: Interest on Broadway Surface RR. bonds, $106,250; six months' interest on South Ferry RR. bonds, $8,750; which amount, added to the following items, makes up the sum hereinbelow charged to "rentals," viz.: rent paid to the city on account of the Broadway Surface RR. Co., $40,000; three per cent. on gross earnings of Broadway Surface RR. Co., paid the city, $32,222.88—total, $187,222.88. *Directors:* Chas. Banks, Jno. J. Bradley, W. B. Dinsmore, B. M. Ewing, C. F. Frothingham, Jno. H. Murphy, T. J. O'Donohue, W. H. Rockwell, Thos. F. Ryan, Henry Thompson, New York, N. Y.; Wm. E. Elkins, Peter A. B. Widener, Philadelphia, Pa.; D. B. Hasbrouck, Brooklyn, N. Y. *Officers:* Henry Thompson, *Pres.;* Thos. F. Ryan, *Sec. & Treas.;* Henry A. Newell, *Supt.*, New York, N. Y. GENERAL OFFICE, 761 Seventh Ave., New York, N. Y.

Broadway Surface Ry. Co. Chartered May 13, 1880. Construction completed and operation commenced by the Broadway and Seventh Avenue RR. Co. in June, 1885. Receiver appointed May 8, 1886. Funded debt consists of 1st mtge. 5 per cent. bonds, due July, 1924, interest January and July; $1,500,000 and $1,000,000 2d mtge., due July, 1905, interest January and July. *Directors:* James A. Richmond, William Bird, Thomas McLean, John H. Semmes, John H. Pentz, John M. Scribner, Osborn E. Bright, New York, N. Y. *Officers:* James A. Richmond, *Pres.;* Thomas H. McLean, *Sec.;* William Bird, *Treas.*, New York, N. Y.

Brooklyn, Bushwick and Queens' County RR. Co. Chartered February 7, 1885. Sold under foreclosure, and reorganized as Grand Street Ferry and Middle Village RR. Co. in 1869. That company was in turn sold under foreclosure in 1870. Reorganized as North Second Street and Middle Village RR. Co., October 10 of the same year. Default made in 1884, and receiver appointed August 9, 1884; sold under foreclosure in 1885 and consolidated into the present company. Gauge, 4 ft. 8½ in.; rail, iron, 47 to 52 lbs. Rates of fare, 5 and 6 cents. Funded debt consists of $250,000 1st mtge. 6 per cent. bonds, due January 1, 1916, interest payable January and July. *Directors:* David W. Binns, Brooklyn, N. Y.; C. B. Cottrell, Rhode Island; George W. Van Allen, Wm. H. Van Allen, Wm. B. Wait, New York, N. Y. *Officers:* Geo. W. Van Allen, *Pres.;* Wm. B. Wait, *Sec.*, New York, N. Y.; C. B. Cottrell, *Treas.*, Rhode Island; Frank Hartshorn, *Supt.*, Brooklyn, N. Y. GENERAL OFFICE, East Williamsburg, L. I., N. Y.

Brooklyn City RR. Co. Chartered December 17, 1853. Gauge, 4 ft. 8½ in.; rail, 45 and 64 lbs. Funded debt consists of $800,000 1st mtge. 5 per cent. bonds, due January 1, 1902, interest payable January and July. The company owns 29 dummy engines. Annual meeting, second Monday in January. Books close for annual meeting 30 days prior thereto; dividends payable quarterly at company's office. Stock on free list of New

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York Stock Exchange. On August 1, 1889, leased the railroads and properties of the Brooklyn Crosstown, the Calvary Cemetery, Greenpoint and Brooklyn, the New Williamsburg and Flatbush, and the Greenpoint and Lorimer St. RR. Co.'s, and has acquired $1,000,900 of the $1,020,000 of the stock of those companies. The operations of those roads from August 1, 1889, to September 30, 1889, are included in this report. *Directors:* Alex. Studwell, Wm. H. Husted, Crowell Hadden, Edward D. White, Edwin Packard, Daniel F. Lewis, Wm. M. Thomas, Frank Lyman, E. W. Bliss, H. M. Thompson, H. W. Slocum, Geo. W. Bergen, Brooklyn, N. Y.; Jno. C. Barron, New York, N. Y. *Officers:* Daniel F. Lewis, *Pres.;* Crowell Hadden, *Treas.;* H. M. Thompson, *Sec.;* J. C. Cameron, *Supt.*, Brooklyn, N. Y. GENERAL OFFICE, 10 Fulton St., Brooklyn, N. Y.

Brooklyn City and Newtown RR. Co. Chartered May 22, 1860, and road opened January 28, 1862. Gauge, 4 ft. 8½ in.; rail, 45 and 60 lbs. Rate of fare, 5 cents. Funded debt consists of $400,000 1st mtge. 7 per cent. bonds, due October 1, 1890, interest April and October; $200,000 1st mtge. (on Franklin Ave. Branch) 7 per cent. bonds, due July 1, 1890, interest payable January and July. Interest and dividends payable at Mercantile Trust Co., 120 Broadway, New York, N. Y. *Directors:* John N. Partridge, John C. Jacobs, Thomas Ennis, Brooklyn, N. Y.; Hy. B. Hyde, Louis Fitzgerald, A. Wagstaff, New York, N. Y.; Eugene T. Lynch, Flushing, L. I., N. Y. *Officers:* Jno. N. Partridge, *Pres.;* Duncan B. Cannon, *Sec. & Treas.;* Jno. L. Heins, *Supt.*, Brooklyn, N. Y. GENERAL OFFICE, De Kalb and Central Aves., Brooklyn, N. Y.

Brooklyn Crosstown RR. Co. Chartered April 30, 1872. Gauge, 4 ft. 8½ in.; rail, 50 and 60 lbs. This statement covers ten months ending July 31, 1889. On August 1, 1889, the company leased its railroad and other property to the Brooklyn City RR. Co., that company paying as rental, interest on the bonds, and 8 per cent. on the capital stock of this company. Funded debt consists of $200,000 5 per cent. bonds, due July, 1, 1908, interest January and July. *Officers and Directors* same as Brooklyn City RR. Co.

Buffalo Street RR. Co. Chartered April 6, 1860. Gauge, 4 ft. 8½ in.; rail, 50 lbs. Operated by Sprague system of electricity. Funded debt consists of $150,000 1st mtge. 7 per cent. bonds, due May 1, 1899; interest payable May and November; $650,000 consolidated mortgage 6 and 7 per cent. bonds, due July 1, 1905, interest payable January and July; and $1,000 mortgage on real estate 6 per cent. bonds, due July 2, 1888, interest payable January and July; $6,000 mortgage on real estate 6 per cent. bonds, due December 17, 1902, interest payable January and July. Annual meeting, first Monday in June. *Directors:* Hy. M. Watson, Pascal P. Pratt, E. G. Spaulding, G. T. Williams, S. S. Spaulding, Buffalo, N. Y. *Officers:* H. M. Watson, *Pres.;* S. S. Spaulding, *Sec.;* Wm. H. Watson, *Treas.;* E. Edwards, *Supt.*, Buffalo, N. Y. GENERAL OFFICE, 346 Main St., Buffalo, N. Y.

Buffalo East Side Street Ry. Co. Chartered May 10, 1870. Gauge, 4 ft. 8½ in.; rail, 50 lbs. The company operates nine lines of road, the main line of which is on William Street. Funded debt consists of $300,000 1st mtge. 7 per cent. bonds, due June 1, 1904, interest payable June and December; $285,000 2d mtge. 6 per cent. bonds, due September 1, 1912, interest payable March and September; $30,000 mortgage on real estate 6 per cent. bonds, due May 30, 1905, interest payable May and November; $40,000 mortgage on real estate 6 per cent. bonds, due February 1, 1906, interest payable February and August; $12,500 mortgage on real estate 6 per cent. bonds, due January 1, 1892, interest payable January and July; $5,000 mortgage on real estate 6 per cent. bonds, due November 4, 1897, interest payable January and July; and $13,000 mortgage on real estate 6 per cent. bonds, due August 1, 1898, interest payable February and August. Annual meeting, first Monday in June. *Directors:* Saml. S. Spaulding, E. G. Spaulding, Hy. M. Watson, Porter Norton, Wm. H. Watson, Buffalo, N. Y. *Officers:* S. S. Spaulding, *Pres.;* W. H. Watson, *Treas.;* H. M. Watson, *Sec.;* Edward Edwards, *Supt.*, Buffalo, N. Y. GENERAL OFFICE, 346 Main St., Buffalo, N. Y.

Bushwick RR. Co. Chartered March 20, 1867; construction commenced September of same year. Gauge, 4 ft. 8½ in.; rail, 34 to 60 lbs. Funded debt consists of $400,000 1st mtge. 6 per cent. bonds, due January, 1902, interest payable January and July; $164,000 2d mtge. 5 per cent. bonds, due January 1, 1892, interest payable January and July. *Officers and Directors* same as Brooklyn City RR. Co.

Calvary Cemetery, Greenpoint and Brooklyn Ry. Co. Chartered January 3, 1885. Construction of one mile completed and operations commenced August 2, 1885. Gauge, 4 ft. 8½ in.; rail, 40 and 50 lbs. This statement covers ten months ending July 31, 1889. On August 1, 1889, the company leased its railroad and property to the Brooklyn City RR. Co., that company paying as rental, interest on the bonds and 3 per cent. on the capital stock of this company. Funded debt consists of $200,000 1st mtge. 6 per cent. 20-year bonds, due June 1, 1907, interest payable June and December. *Officers and Directors* same as Brooklyn City RR. Co.

Canandaigua Street RR. Co. Chartered May 24, 1886. Completed and pnt into operation October 1, 1887. Gauge, 4 ft. 8½ in.; rail, 25 to 38 lbs. Rates of fare, 3, 4½ and 5 cents. Capital stock authorized, $30,000. Funded debt consists of $20,000 1st mtge. 6 per cent. bonds, due October 1, 1907, interest payable April and October. Annual meeting, first Thursday in May. *Directors:* Frank O. Chamberlain, Chas. F. Milliken, Augustine S. Cooley, Maynard N. Clement, Chas. C. Sackett, Chas. A. Waldron, C. J. Andruss, Canandaigua, N. Y. *Officers:* Frank O. Chamberlain, *Pres.;* A. S. Cooley, *Vice-Pres.;* Charles F. Milliken, *Sec.;* Chas. C. Sackett, *Treas.;* Chas. A. Waldron, *Supt.*, Canandaigua, N. Y. GENERAL OFFICE, Canandaigua, N. Y.

Central City Ry. Co. (Syracuse). Chartered April 19, 1859. Gauge, 4 ft. 8½ in.; rail, 47 and 51 lbs. Rates of fare, 2, 4 and 5 cents. Annual meeting, first Monday in January. *Directors:* Daniel Pratt, Jonathan C. Chase, F. S. Wicks, James Barnes, Syracuse, N. Y.; Hy. T. Webb, Skaneateles, N. Y. *Officers:* Frederick S. Wicks, *Pres.;* James Barnes, *Treas. & Sec.;* Geo. Crampton, *Supt.*, Syracuse, N. Y. GENERAL OFFICE, Syracuse, N. Y.

Central Crosstown RR. Co. Chartered March 28, 1873; road opened October 19, 1874. The company uses small portions of the tracks of the Central Park, North and East River RR. Co., and of the Broadway and Seventh Avenue RR. Co. Gauge, 4 ft. 8½ in.; rail, 52 lbs. Rate of fare, 5 cents. Funded debt consists of $250,000 1st mtge. 6 per cent. 40-year bonds, due 1922, interest May and November; issued for the purpose of retiring $250,000 7 per cent. sinking fund bonds to pay off a $40,000 6 per cent. mtge., and for betterments. *Directors:* Geo. S. Hart, Addison Cammack, Homer A. Nelson, R. N. Hazard, M. I. Masson, E. Burton Hart, Leroy W. Fairchild, Noah C. Rogers, Julius Benedict, Chas. B. Webster, New York, N. Y. Annual meeting, first Tuesday in October. *Officers:* Geo. S. Hart, *Pres.;* Addison Cammack, *Vice-Pres.;* Milton I. Masson, *Sec.;* E. Burton Hart, *2d Vice-Pres. & Treas.*, New York, N. Y. GENERAL OFFICE, 365 Avenue A, New York, N. Y.

Central Park, North and East River RR. Co. Chartered July 19, 1860. Gauge, 4 ft. 8½ in.; rail, 60 lbs. Rate of fare, 5 cents. Funded debt consists of $1,200,000 consolidated mtge. 7 per cent. bonds, due December 1, 1902, interest payable January and December. Annual meeting, third Tuesday in October. *Directors:* G. H. Scribner, C. D. Wyman, Yonkers, N. Y.; David Dows, Geo. S. Hart, Thomas Hillhouse, Chas. Dana, Thos. C. Acton, A. B. Cornell, H. R. Bishop, J. R. Cuming, New York, N. Y.; Hy. W. Smith, Orange, N. J.; John T. Terry, Irvington, N. Y.; H. K. Sheldon, Brooklyn, N. Y. *Officers:* G. H. Scribner, *Pres.;* C. D. Wyman, *Vice-Pres.*, Yonkers, N. Y.; J. L. Valentine, *Sec. & Treas.;* Jno. H. Oakley, *Supt.*, New York, N. Y. GENERAL OFFICE, 789 Tenth Ave., New York, N. Y.

Chambers Street and Grand Street Ferry RR. Co. Chartered August 9, 1884. Consent of local authorities granted December 30, 1884. Gauge, 4 ft. 8½ in.; rail, 56 lbs. Rate of fare, 5 cents. Annual meeting, third Tuesday in September. *Directors:* H. Thompson, T. F. Ryan, New York, N. Y.; D. B. Hasbrouck, C. E. Warren, Brooklyn, N. Y.; P. A. B. Widener, W. L. Elkins, C. Kemble, Philadelphia, Pa. *Officers:* Henry Thompson, *Pres.*, New York, N. Y.; D. B. Hasbrouck, *Vice-Pres.;* Charles E. Warren, *Sec.*, Brooklyn, N. Y.; Thomas F. Ryan, *Treas.*, New York, N. Y.; George Carter, *Supt.*, Brooklyn, N. Y. GENERAL OFFICE, cor. East and Cherry Streets, New York, N. Y.

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EMBOSSED GLASS, GROUND GLASS, CATHEDRAL GLASS,

ROUGH GLASS FOR FLOORS AND SKYLIGHTS.

CORRUGATED GLASS FOR REFLECTORS.

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City and Suburban Tramways, State of New York.—*Continued.*

Railroad.	Railroad. Total Line.	Railroad. Total Track	Horses, etc.	Cars	Liabilities. Share Capital.	Liabilities. Funded Debt.	Liabilities. Other Debt.	Liabilities. Total.	Assets. Cost of RR. and Equipment.	Assets. Other Investments.	Passengers Carried.	Gross Earnings.	Operating Expenses.	Net Income.	Payments from Available Revenue. Interest.	Payments from Available Revenue. Dividends.	Per cent. of Dividends.	Surplus.
	M.	M.	No.	No.	$	$	$	$	$	$	No.	$	$	$	$	$		$
42d St., M'n & St. N. Av.	10 39	20.28	601	85	2,500,000	2,725,000	187,157	5,412,157	5,249,618	.....		432,168	338,757	93,411	77,150	.....	.....	d13,713
4th Ward (Syracuse)..					80,000	35,500	3,885	119,385	63,789	.....		14,500	11,542	2,958	1,567	.....	.....	1,300
Frankfort and Ilion..	2.50	2.62	6	4	14,275	.....	.....	14,275	20,632	.....		3,907	2,799	1,108	.....	714	5	263
Fulton & Oswego F's.	1.14	1.14	9	4	15,000	15,000	8,941	38,941	33,481	.....		4,000	4,708	d. 708	900	.....	.....	d.1,692
Genesee & Water St..	4.75	4.75	46	9	60,000	2,500	.....	62,500	103,709	4,875	539,469	24,560	19,539	5,021	473	3,000	5	1,548
G'n's F's S'y H. & Ft. E.	7.35	7.60	25	8	70,000	24,000	1,352	95,352	95,925	.....	269,735	17,111	13,188	3,923	1,440	.....	.....	2,483
Grand St. & Newtown	8.25	13.13	269	72	170,000	200,000	11,192	381,192	423,780	.....	2,929,617	147,292	124,358	22,934	10,000	8,500	5	4,034
Greenpoint & Lorimer	.....	.....	.....	.....	120,000	125,000	.....	245,000	245,000	.....		.....	.....	.....	.....	.....	.....	.....
Har. Br., Mor. & Ford.	8.09	16.18	306	65	350,000	77,000	.....	427,000	945,075	.....		169,033	155,406	13,626	4,270	.....	.....	658
Herkimer & Mohawk.	1.50	1.50	.....	3	17,000	.....	.....	17,000	17,000	.....	99,806	5,993	2,994	2,999	.....	1,360	8	1,299
H'ston, W. St. & Pv. F'y	3.81	8.02	370	56	250,000	500,000	8,750	758,750	750,000	116,880		231,515	183,381	48,134	34,475	.....	.....	5,423
Ithaca	1.00	1.00	.....	3	25,000	20,000	1,189	46,189	45,000	.....	109,822	5,491	4,796	695	1,200	.....	.....	d. 505
Jamaica & Brooklyn..	6.00	8.75	.....	12	197,400	325,000	.....	522,480	522,480	.....		21,810	27,281	d. 5,471	.....	4,632	.....	d.7,187
Jamestown	3.37	4.03	40	13	100,000	25,000	2,468	127,468	51,407	150		10,399	7,858	2,541	1,500	.....	.....	899
Jerome Park	1.08	1.67	6	3	4,000	100,000	.....	104,000	119,064	.....		11,477	11,504	d. 27	6,000	.....	.....	d.7,577
J'nst'n, G'v'le & K'g'bo	4.08	4.11	16	6	50,000	1,000	.....	51,000	50,154	.....		13,652	6,483	7,169	.....	.....	.....	3,169
Kingston City	2.77	2.97	40	8	50,000	31,500	1,320	82,820	89,172	.....	431,700	29,311	20,714	8,597	2,040	5,000	10	1,557
Lansingb'g & Cohoes.	1.10	1.10	.....	.....	15,000	.....	.....	15,000	15,000	.....		.....	.....	.....	.....	.....	.....	.....
Larchmont Manor..	1.50	1.50	6	3	25,000	.....	.....	25,000	25,000	.....		3,493	3,898	d. 405	.....	.....	.....	d. 593
Lockport	2.95	3.47	29	8	22,251	25,000	8,680	55,931	42,478	.....		8,401	12,809	d. 4,408	1,250	.....	.....	d.6,102
Long Is. C'y & Newt'n	4.50	4.50	42	21	150,000	100,000	6,150	256,150	119,475	10,000		24,007	15,802	8,205	6,000	.....	.....	2,005
Maple Avenue	1.75	1.96	7	5	18,000	.....	5,073	23,073	20,488	.....		11,739	3,239	d. 1,500	.....	.....	.....	d.1,787
Mohawk and Ilion	1.75	1.75	.....	4	15,000	.....	.....	15,000	17,800	.....		5,362	2,748	2,614	.....	2,100	14	257
Mt. Vernon & E. Ches.	2.81	3.08	26	7	60,000	75,000	.....	135,000	135,000	.....		11,401	12,697	d. 1,297	.....	.....	.....	d.1,297
N. B'ton & Onon. Val.	1.87	2.62	11	4	16,000	13,400	1,226	30,626	21,494	.....	92,475	5,695	3,869	1,826	664	.....	.....	662
Newburgh	3.90	4.80	54	11	40,000	100,000	40,197	180,197	164,402	.....		21,511	20,932	579	6,244	.....	.....	d.6,119
N. W'msb'gh & Fl'tb.	6.25	12.00	432	114	300,000	200,000	16,863	516,863	548,662	.....		215,972	182,432	33,541	11,667	9,000	3	d.2,219
New Rochelle & Pel..	5.00	6.00	30	11	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
New York & Harlem.	8.23	17.06	1,159	162	10,000,000	12,005,000	37,582	22,042,582	23,134,942	81,100	16,631,749	831,588	592,256	239,332	.....	200,000	2	79,598
Niag. Falls & Sus. Bg.	2.50	2.50	40	14	44,000	.....	.....	44,000	48,301	.....	408,079	18,812	15,173	3,638	.....	4,400	10	d. 762
Ninth Avenue	8.00	16.00	454	61	761,800	.....	.....	761,800	295,742	760		202,344	172,136	30,208	.....	.....	.....	10,535
No. & East Greenbush	1.70	1.70	20	6	50,000	29,000	8,509	87,509	82,974	250		9,789	10,715	d. 926	1,234	.....	.....	d.2,391
Ogdensburg	4.60	4.60	19	7	28,500	.....	.....	28,500	28,325	.....	123,134	6,093	6,482	d. 389	.....	.....	.....	d. 389
Olean	1.10	1.19	7	3	10,000	.....	.....	10,000	15,950	.....	86,690	6,799	5,347	1,452	.....	.....	.....	1,452
Oneida	1.50	1.50	7	3	13,500	2,300	.....	15,800	16,906	.....		4,467	4,177	290	127	.....	.....	d. 038
Oneida Street (Utica).	1.50	1.57	3	3	40,000	.....	.....	40,000	40,000	.....		1,478	812	666	.....	.....	.....	632
Oneonta	2.23	2.23	12	3	20,000	.....	675	20,675	20,404	.....		3,953	4,789	d. 835	.....	.....	.....	d. 894
Oswego	2.03	2.03	22	5	20,000	7,500	894	27,894	25,645	.....		6,229	7,271	d. 1,042	419	.....	.....	d.1,744
Pelham Park	1.50	1.60	10	8	50,000	31,500	7,520	89,020	49,778	40,123	132,000	8,253	4,505	3,748	2,208	2,000	4	d. 460
People's (Syracuse)...					295,500	300,000	32,520	628,020	628,020	.....		24,159	19,396	4,793	.....	.....	.....	4,763
Pros. P'k & C'y Is. Les.	2.75	5.25	187	50	.....	66,705	89,165	155,870	90,687	.....	2,832,328	133,834	126,104	7,730	250	.....	.....	d16,996
Pros. Park & Flatbush	1.50	3.00	14	4	50,000	20,000	500	75,000	64,194	.....	54,758	2,831	3,601	d. 770	1,170	.....	.....	d.1,940
Richmond Co. (St. Isl.)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....

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Christopher and Tenth Streets RR. Co. Chartered April 25, 1873. The company leases from the Twenty-third Street Co. the branch from Christopher Street Ferry to Union Square. Date of lease, November 8, 1876. Funded debt consists of $100,000 7 per cent., $30,000 6 per cent., and $20,000 5 per cent. bonds, secured on entire property, including the franchise, due December 1, 1898, interest payable April and November; $35,000 real estate 5 per cent. bonds, due November, 1888, interest payable May and November. Gross income from all sources, $94,479.13, from which was deducted taxes, $20,063.73; interest, $11,460.44; rent of leased lines, $5,200—total, $36,724.17, leaving net income, $57,754.96, against which was declared a dividend of 7 per cent. on capital stock, $45,500, leaving net surplus for year ending September 30, 1889, $12,254.96. Gauge, 4 ft. 8½ in.; rail, 45 lbs. Annual meeting, first Tuesday in June. *Directors:* Jas. A. Richmond, Geo. N. Curtis, John Downey, I. V. Brokaw, Louis de Bebian, Arthur Leary, George W. Linch, New York, N. Y.; W. T. Hatch, Chas. Phelps, Geo. H. Prentiss, E. Lewis, Jr., W. H. Hazzard, Brooklyn, N. Y.; Joel F. Freeman, Orange, N. J. *Officers:* Louis de Bebian, *Pres.*, New York, N. Y.; W. T. Hatch, *Treas.*, Brooklyn, N. Y.; Geo. W. Linch, *Vice-Pres. & Sec.* GENERAL OFFICE, 168 Christopher Street, New York, N. Y.

City (Binghamton) Ry. Co. Chartered December 23, 1883; road opened August 6, 1884. Gauge, 4 ft.; rail, 25 lbs. Rates of fare, 3½, 4 and 5 cents. Funded debt, $600 6 per cent. notes. *Directors:* A. C. Matthews, R. H. Meagley, D. S. Richards, J. P. Noyes, E. A. Matthews, C. A. Whitney, Geo. A. Kent, Binghamton, N. Y. *Officers:* R. H. Meagley, *Pres.*; Ira J. Meagley, *Acting Sec. & Treas.* GENERAL OFFICE, 216 Front Street, Binghamton, N. Y.

City (Poughkeepsie) RR. Co. Chartered May 6, 1869. Gauge, 4 ft. 8½ in.; rail, 28 to 42 lbs. Rate of fare, 6½ to 10 cents. Annual meeting in July. *Directors:* Robert E. Taylor, A. B. Smith, William H. Young, H. A. Nelson, Edmund Platt, George E. Cramer, J. I. Platt, James W. Reynolds, E. White, Poughkeepsie, N. Y. *Officers:* John I. Platt, *Pres.*; Edmund Platt, *Treas.*; A. B. Smith, *Sec.*; C. M. Davis, *Supt.* GENERAL OFFICE, 491 Main Street, Poughkeepsie, N. Y.

City Island RR. Co. Chartered August 30, 1834. Leased to the Pelham Park RR. Co. Funded debt consists of $27,873 6 per cent. 1st mtge. bonds, due January 2, 1898, interest payable January and July. Annual meeting, first Wednesday in June. *Directors;* Henry D. Carey, City Island, N. Y.; E. N. Amable, Long Island City, N. Y.; W. R. Lamberton, Pelham Manor, N. Y.; Howard N. Potter, New Rochelle, N. Y.; J. R. Burnett, Astoria, N. Y.; Frank C. Hollins, New York, N. Y.; George Lane, City Island, N. Y. *Officers;* W. R. Lamberton, *Pres.*; E. N. Anable, *Sec. & Treas.*; H. D. Carey, *Supt.*, City Island, N. Y. GENERAL OFFICE, City Island, N. Y.

Coney Island and Brooklyn RR. Co. Chartered December 10, 1860. Road opened May 1, 1862. Rate of fare, 5 cents. Funded debt consists of $300,000 1st mtge. 5 per cent. 20-year bonds, due January 1, 1904, interest payable January and July; dividend 2½ per cent., paid in 1887. Gauge, 4 ft. 8½ in.; rail, 45 and 30 lbs. Annual meeting, third Monday in October. *Directors;* D. L. Arnott, H. W. Slocum, H. W. Slocum, Jr., W. Vanderpool, L. Burling, George W. Chauncey, M. Chauncey, E. J. Dennison, John S. Ellis, S. H. Herriman, Wm. Johnston, James Jourdan, Wm. Marshall, Brooklyn, N. Y. *Officers:* H. W. Slocum, *Pres.*; E. F. Drayton, *Sec.*; G. W. Chauncey, *Treas.*; D. W. Sullivan, *Supt.*, Brooklyn, N. Y. GENERAL OFFICE, Smith and Huntington Streets, Brooklyn, N. Y.

Cortland and Homer Horse RR. Co. Chartered February 25, 1882. Gauge, 4 ft. 8½ in.; rail, 25 and 30 lbs. Rates of fare, 5, 8 and 10 cents. Dividends are paid annually, in October, at company's office. Annual meeting, first Tuesday in July. *Directors:* C. H. Garrison, Troy, N. Y.; E. A. Fish, S. E. Welch, C. P. Walrad, C. Fred. Thompson, G. J. Mager, R. H. Buell, R. T. Peck, L. D. Garrison, E. Mudge, M. H. McGraw, Cortland, N. Y.; Wm. N. Brockway, Franklin Pierce, Homer, N. Y. *Officers:* Samuel E. Welch, *Pres.*; E. A. Fish, *Vice-Pres.*; S. E. Welch, *Treas. & Sec.*; D. B. Terry, *Supt.* GENERAL OFFICE, Cortland, N. Y.

Court Street and East End RR. Co. Chartered March 23, 1886. Completed and opened in April, 1888. Gauge, 4 ft. 8½ in.; rail, 35 and 45 lbs. Rate of fare, 4 60 cents. Dividends payable at company's office. Annual meeting, first Tuesday in October. *Directors:* John Ray Clarke, Chas. M. Stone, D. T. Finch, B. S. Curran, Geo. F. Lyon, G. L. Sessions, W. G. Phelps, Binghamton, N. Y. *Officers:* Charles M. Stone, *Pres.*; W. G. Phelps, *Sec. & Treas.*; Miles Leonard, *Supt.*, Binghamton, N. Y. GENERAL OFFICE, Phelps Bank Building, Binghamton, N. Y.

Deerfield and Utica RR. Co. Gauge, 4 ft. 8½ in.; rail, 42 lbs. Capital stock, $12,000. *Officers:* Fred. G. Weaver, *Pres.*; A. T. Goodwin, *Sec. & Treas.* GENERAL OFFICE, Deerfield, N. Y.

Dry Dock, East Broadway and Battery RR. Co. Chartered December 8, 1863. Gauge, 4 ft. 8 in.; rail, 60 lbs. Funded debt consists of 1st consolidated mtge. 7 per cent. bonds, due June, 1893, interest payable June and December, $840,000; and $1,200,000 6 per cent. certificates of indebtedness, due 1914, interest payable February and August, issued to stockholders from undivided surplus. Dividends payable February, May, August and November, at company's office. Rate of fare, 5 cents. Annual meeting, second Tuesday in January. *Directors:* Wm. White, Richard Kelly, Jno. E. Hoffmire, Jno. M. Scribner, Joseph Jacobs, Jno. Lowry, Jno. Byrne, New York, N. Y.; Peter J. Thorne, W. Richardson, F. E. White, Brooklyn, N. Y.; C. A. Hotchkiss, Bridgeport, Conn.; Henry A. Morgan, N. L. Zabriskie, Aurora, N. Y. *Officers:* William White, *Pres.*; R. Kelly, *Sec. & Treas.*; F. F. White, *Supt.*, New York. GENERAL OFFICE, 605 Grand Street, New York, N. Y.

Dunkirk and Fredonia RR. Co. Chartered April 21, 1864. Road opened in September, 1886. Gauge, 4 ft. 10 in.; rail, 25 lbs. Rates of fare, 5, 6, 10 and 15 cents. Dividends paid January and July at company's office. Annual meeting, third Saturday in October. *Directors:* W. McKinstry, Geo. Barker, H. C. Lake, M. M. Fenner, Fredonia, N. Y.; Frank May, Dunkirk, N. Y. *Officers:* Wm. McKinstry, *Pres.*; Milton M. Fenner, *Sec. & Treas.*; Eugene Crawford, *Supt.*, Fredonia, N. Y. GENERAL OFFICE, Fredonia, N. Y.

Eighth Avenue RR. Co. Chartered January 10, 1855. Gauge, 4 ft. 8½ in.; rail, 60 lbs. Rate of fare, 5 cents. Funded debt consists of $1,000,000 certificates of indebtedness, 6 per cent., due February 1, 1914, interest payable February and August, issued to stockholders from surplus. Annual meeting, second Wednesday in January. *Directors;* Otis W. Randall, Geo. Law, Jacob Hayes, Joseph H. Goodwin, J. J. O'Donohue, Ed. St. J Hays, G. Granville Wright, M. Tompkins, Heman B. Wilson, New York, N. Y.; S. H. Herriman, Wm. Ravestcyn, Brooklyn, N. Y.; Jas. Affleck, Jas. G. Affleck, Yonkers, N. Y. *Officers:* George Law, *Pres.*; Jacob Hays, *Vice-Pres.*; James Affleck, *Sec. & Treas.*; James G. Affleck, *Asst. Treas. & Asst. Sec.*; H. B. Wilson, *Supt.*, New York, N. Y. GENERAL OFFICE, cor. Fiftieth St. and Eighth Ave., New York, N. Y.

Elmira and Horseheads Ry. Co. Chartered December 30, 1870. Main line opened October, 1871. Eldridge Park Branch in October, 1872. West Clinton Street and College Avenue Extension in 1873. Gauge, 4 ft. 8½ in.; rail 25, 30 and 40 lbs. Rates of fare, 5 and 10 cents. Funded debt consists of $25,000 6 per cent. bonds and mtges., due January 1, 1900, interest payable January and July. Annual meeting, second Tuesday after first Monday in November. *Directors:* Alex. S. Diven, Jno. T. Rathbun, Jno. M. Diven, Geo. M. Diven, Robert T. Turner, Eugene Diven, Geo. W. Hoffman, Elmira, N. Y. *Officers:* George M. Diven, *Pres. & Treas.*; George W. Hoffman, *Vice-Pres.*; Eugene Diven, *Sec.*; Emmon T. Walker, *Supt.*, Elmira, N. Y. GENERAL OFFICE, Elmira, N. Y.

Fifth Ward RR. Co. Chartered October 3, 1867. Gauge, 4 ft. 8½ in.; rail, 25 to 52 lbs. Rates of fare, 4 and 5 cents. Funded debt consists of $9,000 1st mtge. 6 per cent. bonds, due on demand, interest payable January and July; $12,510 2d mtge. 7 per cent. bonds (6 per cent. after July 1, 1886), due July 1, 1886, interest January and July. Annual meeting, first Monday in October. *Directors:* H. S. White, H. K. White, Clarence Tucker, E. W. Marsh, S. B. Merrill, W. C. Brayton, Hugh Purnell, Syracuse, N. Y. *Officers:* H. S. White, *Pres.*; S. B. Merrill, *Sec. & Treas.*; Hugh Purnell, *Supt.*, Syracuse, N. Y. GENERAL OFFICE, 34 and 36 Clinton St., Syracuse, N. Y.

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City and Suburban Tramways, State of New York.—*Continued.*

Railroad.	Railroad. Total Line.	Railroad. Total Track	Horses, etc.	Cars	Liabilities. Share Capital.	Liabilities. Funded Debt.	Liabilities. Other Debt.	Liabilities. Total.	Assets. Cost of RR. and Equipment.	Assets. Other Investments.	Passengers Carried.	Gross Earnings.	Operating Expenses.	Net Income.	Payments from Available Revenue. Interest.	Payments from Available Revenue. Dividends.	Per cent. of Dividends.	Surplus.
	M.	*M.*	*No.*	*No.*	$	$	$	$	$	$	*No.*	$	$	$	$	$		$
Riker Av.&Sanf'd Pt.	.....	.....	.....	.....	20,000	.....	.....	20,000	20,714	.....								
Roch. City & Brighton	29.38	41.38	812	176	500,000	880,900	4,934	1,385,834	975,410	48,410		470,280	392,466	77,814	43,490	20,000	4	11,812
Rochester Electric	4.50	9.00			128,318	.....	040	128,358	125,471	9,750		14,924	7,660	7,265	.....	.....	.....	7,265
Rockaway Village	6.05	6.05	.....	4	25,000	25,000	4,317	54,317	50,544	.....		1,967	1,812	155	1,250	.....	.....	*d*.1,095
Rome	6.70	6.70	70	14	50,000	120,000	33,494	203,494	176,689	.....		15,328	16,236	*d*. 908	7,351	.....	.....	*d*.8,360
Saratoga Electric	2.50	2.55		12	50,000	.....	.....	50,000	50,000	.....		.....	.....	.....	.....	.....	.....	.....
Schenectady	2.00	2.27	30	5	25,000	30,000	14,372	69,372	60,220	850		7,318	9,338	*d*. 2,020	2,317	.....	.....	*d*.4,338
Sea Cliff Incl'd Cable	4.78	9.56	.....	2	9,480	2,000	36	11,516	11,980	.....		1,181	977	204	060	.....	.....	57
Second Avenue	13.50	28.00	1,581	309	1,862,000	1,810,000	41,845	3,713,845	3,499,740	.....		856,011	694,778	161,233	85,179	.....	.....	24,702
Sen. F'ls & Cayuga L.	2.50	2.50	.....	4														
Sen. F'ls & Waterloo																		
Sev'th W'd (Syracuse)	1.72	1.97	26	6	50,000	25,000	.....	75,000	41,733	.....		17,912	14,010	3,902	1,500	1,500	3	735
Sixth Avenue	3.44	7.63	1,117	117	1,500,000	500,000	85,073	2,085,073	2,043,133	6,300		690,958	491,531	199,428	35,000	75,000	5	47,798
South Brooklyn Cen.	4.25	8.37	191	42	125,000	278,500	23,784	427,284	409,288	.....	1,870,733	87,966	77,835	10,131	17,925	.....	.....	*d*.8,044
South Ferry	.85	1.70	9	3														
Staten Island Belt	9.20	10.10	56	22														
Steinway & Hun. Pt.	15.00	27.00	218	79	250,000	345,000	67,308	662,308	515,134	.....		115,952	115,345	608	22,632	.....	.....	*d*25,459
Stillwater & Mech've	4.42	4.42	6	4	10,712	12,000	6,150	28,862	29,676	.....	51,959	5,978	4,257	1,721	1,140	.....	.....	581
Syracuse and Geddes	3.00	3.00	46	9	50,000	35,500	3,425	88,925	94,771	.....		22,008	17,586	4,422	2,366	3,000	.....	1,613
Syracuse & Onondaga	2.00	2.25	33	10	70,000	.....	2,866	72,866	53,327	7,700		25,472	16,652	8,820	.....	7,000	10	1,254
Third Avenue	14.00	28.37	1,743	421	2,000,000	3,500,000	.....	5,500,000	5,375,880	.....	31,458,000	1,611,967	1,384,471	227,496	.....	180,000	9	47,496
Third W'd (Syracuse)					300	89,500	16,413	106,213	109,053	.....		22,141	12,533	9,608	3,870	.....	.....	5,736
Troy and Albla	3.17	3.33	50	15	44,700	34,000	1,327	80,027	83,281	.....		28,649	23,058	5,590	3,049	.....	.....	*d*. 421
Troy and Cohoes	3.72	3.72	.....	.....	50,000	.....	.....	50,000	50,000	.....								
Troy & Lansingburgh	6.61	13.06	449	100	300,000	300,155	17,377	617,532	607,599	5,907		319,486	240,598	78,888	16,957	30,000	10	19,230
28th and 29th Streets																		
Twenty-third Street	2.50	5.00	812	122	600,000	471,500	108,343	1,179,843	1,264,651	9,400		683,363	467,663	217,701	37,372	60,000	10	24,380
Utica Belt Line	22.00	26.00	.....	75	150,000	500,000	.....	650,000	676,752	.....		109,708	72,138	37,570	4,200	.....	.....	15,870
Utica Clin. & Bg'ham.	9.34	13.87	.....	.....														
Utica and Mohawk	2.60	2.60	27	16	32,000	15,000	1,050	48,050	49,853	.....		13,305	10,236	3,069	900	1,732	6	437
Van Brunt St. & E. B.	1.25	1.25	26	10	75,000	25,000	1,500	101,500	102,606	.....		26,795	22,275	4,520	1,500	.....	.....	3,020
Wash. St. Asy'm & P'k	5.00	5.00	.....	15	28,800	65,000	38,244	132,044	81,973	.....		7,010	4,261	2,749	1,472	.....	.....	1,044
Waterford and Cohoes	1.87	1.87	.....	.....	25,000	.....	.....	25,000	24,481	.....								
W'rvlet T'pike & RR.	8.42	15.54	150	39	240,000	400,000	29,322	669,322	448,258	92,115	1,151,617	71,236	67,353	3,883	13,707	.....	.....	*d*.9,824
West Side (Buffalo)					5,000	.....	34,758	39,758	40,028	.....		945	54	891	155	.....	.....	396
Wood'd & B't'rnut St.	1.76	2.35	35	6	30,000	20,000	6,341	56,341	33,015	7,806	267,995	13,171	11,540	1,631	1,200	.....	.....	209
Yonkers	6.57	7.68	88	14	20,000	292,500	14,104	326,604	180,494	.....		23,786	34,257	*d*. 10,471	925	.....	.....	*d*11,422

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Forty-Second Street and Grand Street Ferry RR. Co. Chartered February 16, 1863. Gauge, 4 ft. 8 in.; rail, 60 and 64 lbs. Rate of fare, 5 cents. Funded debt consists of $236,000 1st mtge. 7 per cent. coupon bonds, due April, 1893, interest payable April and October. Annual meeting, second Tuesday in March. *Directors:* M. Fenchtwanger, Chas. B. Hogg, Hy. A. Hurlburt, Geo. A. Herrick, A. H. Fenchtwanger, R. J. Jacobs, Geo. Green, C. P. Emmons, New York, N. Y.; Geo. G. Mitchell, Jersey City, N. J.; F. H. Smith, Brooklyn, N. Y.; F. F. Lasala, Danbury, Conn. *Officers:* Geo. Green, Jr., *Pres.;* C. P. Emmons, *Sec.;* R. J. Jacobs, *Treas.;* John M. Calhoun, *Supt.*, 653 West 42d St., New York, N. Y. GENERAL OFFICE, 653 West 42d St., New York, N. Y.

Forty-Second Street, Manhattanville and St. Nicholas Avenue Ry. Co. Chartered August 29, 1878. Gauge, 4 ft. 8½ in.; rail, 47 to 60 lbs. Rate of fare, 5 cents. Funded debt consists of $1,200,000 1st mtge. 6 per cent. bonds, due March 1, 1910, interest payable September and November; $1,525,000 6 per cent. 2d mtge. bonds, due January 1, 1915, interest, as earned. Annual meeting, third Thursday in January. *Directors:* Arthur Leary, A. Wagstaff, John S. Foster, John B. Dutcher, Alfred Skitt, Henry Steers, R. V. Harnett, Jacob Fleischhauer, Jas. Mathews, C. F. Naething, New York, N. Y.; William R. Foster, Babylon, L. I., N. Y.; Charles Phelps, Brooklyn, N. Y.; D. D. Conover, Bayshore, L. I., N. Y. *Officers:* John S. Foster, *Pres.;* Charles F. Naething, *Sec.;* Alfred Skitt, *Treas.;* S. M. Sisson, *Supt.*, New York, N. Y. GENERAL OFFICE, 118 East 42d St., New York, N. Y.

Fourth Ward (Syracuse) Ry. Co. Chartered May 21, 1888. Gauge, 4 ft. 8½ in.; rail, 47 lbs. Funded debt consists of $35,500 6 per cent. 10–20-year bonds, due 1898 or 1908, interest payable May and November. Annual meeting, first Monday in April. *Officers:* J. E. Wells, *Pres.;* Jno. Greenway, *Vice-Pres.;* Chas. W. Andrews, *Sec.;* Geo. E. Wells, *Treas.* GENERAL OFFICE, 121 East Water St., Syracuse, N. Y.

Frankfort and Ilion Street Ry. Co. Chartered May 9, 1871. Gauge, 5 ft.; rail, 25 lbs. Rates of fare, 5, 7 and 10 cents. Annual meeting, first Tuesday in October. *Directors:* A. C. McGowan, P. A. Skiff, W. W. Crosby, J. L. Hoard, Frankfort, N. Y.; John Lofis, M. F. Farrell, W. J. Piper, J. H. Hoard, J. Myers, J. J. Dudleston, F. B. Parkhurst, J. W. Barris, A. N. Russell, Ilion, N. Y. *Officers:* A. C. McGowan, *Pres.;* P. A. Skiff, *Vice-Pres.;* J. W. Barris, *Sec.;* J. H. Hoard, *Treas.;* Jno. L. Hoard, *Supt.*, Frankfort, N. Y. GENERAL OFFICE, Frankfort, N. Y.

Fulton and Oswego Falls Street Ry. Co. Chartered September 21, 1885; road opened August, 1886. Gauge, 4 ft. 8½ in.; rail, 42½ lbs. Rates of fare, 4 and 5 cents. Annual meeting, third Tuesday in September. Funded debt consists of $15,000 1st mtge. 6 per cent. bonds, due January 1, 1897, interest payable January and July. *Directors:* Jos. Walker, Jos. Walker, Jr., E. Z. Penfield, W. S. Sloan, Chas. Lyman, New York, N. Y.; N. N. Stranahan, Reuben Bradshaw, Fulton, N. Y. *Officers:* Joseph Walker, Jr., *Pres.;* N. N. Stranahan, *Vice-Pres.;* Charles Lyman, *Sec. & Treas.*, New York, N. Y.; Herman Hulett, *Supt.*, Fulton, N. Y. GENERAL OFFICE, 15 Broad St., New York, N. Y.

Genesee and Water Street RR. Co. Chartered October 13, 1865. Gauge, 4 ft. 8½ in.; rail, 18–40 lbs. Rate of fare, 5 cents. Annual meeting, second Tuesday in October. Funded debt consists of $2,500 6 per cent. new barn bonds, $500 due January 21, 1890; $500 due January 21, 1891; $500 due January 21, 1892; $500 due January 21, 1893; and $500 due January 21, 1894. Interest payable June. Dividends paid in January at company's office. *Directors:* Geo. F. Comstock, Jr., Dan. P. Wood, J. J. Leach, Wm. E. Abbott, Chester Hair, F. S. Wicks, H. D. Didama, W. H. Niven, J. C. Chase, A. W. Palmer, Jacob Cronse, Syracuse, N. Y. *Officers:* F. S. Wicks, *Pres.;* G. J. Gardner, *Sec. & Treas.;* Wm. J. Hart, *Supt.*, Syracuse, N. Y. GENERAL OFFICE, Syracuse, N. Y.

Glen's Falls, Sandy Hill and Ft. Edward Ry. Co. Chartered September 28, 1885; road opened October 1, 1885. Gauge, 3 ft. 6 in.; rail, 25 lbs. Funded debt consists of $24,000 6 per cent. mtge. bonds, due August, 1905, interest payable February and August. Annual meeting, second Sunday in June. *Directors:* Henry Craudell, Charles H. Greene, Byron B. Fowler, Jno. W. Bush, Wm. H. Robbins, H. R. Leavens, J. M. Coolidge. *Officers:* J. M. Coolidge, *Pres.;* Byron B. Fowler, *Sec. & Treas.;* A. V. Brayton, *Supt.*, Glen's Falls, N. Y. GENERAL OFFICE, 130 Glen St., Glen's Falls, N. Y.

Grand Street and Newtown RR. Co. Chartered August 18, 1860; extended to Newtown in 1876. Gauge, 4 ft. 8½ in.; rail, 45, 50 and 60 lbs. Rates of fare, 5 and 10 cents. Funded debt consists of $200,000 1st mtge. 5 per cent. bonds, due 1906, interest payable April and October. Dividends payable January and July at company's office; interest payable at First National Bank of Brooklyn, N. Y. Annual meeting, first Tuesday in December. *Directors:* Martin Joost, S. M. Meeker, James Hall, William Marshall, Wm. E. Horwell, Eckford Webb, J. G. Jenkins, Peter Wyckoff, A. G. McDonald, Brooklyn, N. Y.; William Brookfield, New York, N. Y. *Officers:* Peter Wyckoff, *Pres.;* Wm. E. Horwell, *Sec. & Treas.;* W. G. Howey, *Supt.*, Brooklyn, N. Y. GENERAL OFFICE, 394 Kent Ave., Brooklyn, N. Y.

Greenpoint and Lorimer Street RR. Co. Chartered November 6, 1884; road opened August 5, 1885. This line is operated by the New Williamsburg and Flatbush Railroad Company, under a lease made April 28, 1885. Funded debt consists of $125,000 1st mtge. 6 per cent. bonds, due May 1, 1910, interest payable May and November. *Directors:* David W. Binns, Brooklyn, N. Y.; E. H. Cottrell, C. B. Cottrell, Westerly, R. I.; G. W. Van Allen, W. A. Van Allen, W. B. Walt, New York, N. Y.; W. A. Jones, West Troy, N.Y. *Officers:* Geo. W. Van Allen, *Pres.;* W. B. Walt, *Sec.;* C. B. Cottrell, *Treas.*, New York, N. Y. GENERAL OFFICE, corner Nostrand and Park Aves., Brooklyn, N. Y.

Harlem Bridge, Morrisania and Fordham RR. Co. Chartered May 2, 1863. Gauge, 4 ft. 8½ in.; rail, 43 to 60 lbs. Rates of fare, 5 and 6 cents. Funded debt consists of $67,000 7 per cent. mtge. bonds, due November 1, 1888, interest payable May and November. Annual meeting, second Tuesday in June. *Directors:* Horace P. Whitney, Wm. Cauldwell, Wm. Remsen, Matthew B. Wynkoop, Henry Hart, G. N. Whitney, Edwin Bedell, Elijah Whitney, Albert B. Whitney, Henry Spratley, John B. Haskins, Edwin I. Hart, New York, N. Y.; John J. Hallenbeck, Montclair, N. J. *Officers:* Henry Spratley, *Pres. & Supt.;* Wm. Remsen, *Vice-Pres.;* Wm. Cauldwell, *Sec. & Treas.*, New York, N. Y. GENERAL OFFICE, Third Ave., near 170th St., New York, N. Y.

Herkimer and Mohawk Street RR. Co. Chartered March 3, 1871; road opened in September, 1871. Gauge, 4 ft. 8½ in.; rail, 25 lbs. Rates of fare, 5 and 10 cents. Sleigh, 1. Dividends paid January and July, at Mohawk Valley Bank, Mohawk, N. Y. *Directors:* C. Beckwith, Herkimer, N. Y.; Cornelia Churchill, Little Falls, N. Y.; Cordelio Churchill, Henry Devine, Herkimer, N. Y.; J. V. Quackenbush, H. D. Alexander, Henry V. Diefendorf, Mohawk, N. Y. *Officers:* H. D. Alexander, *Pres., Treas. & Supt.;* E. L. Prince, *Sec.*, Mohawk, N. Y. GENERAL OFFICE, Mohawk, N. Y.

Houston, West Street and Pavonia Ferry RR. Co. The Avenue C RR. was sold under foreclosure May 25, 1874, to parties who afterward sold it for $750,000 to the present company, chartered June 3, 1874. Funded debt consists of $500,000 1st mtge. 6 per cent. bonds, due July, 1894, interest payable January and July. Gauge, 4 ft. 8½ in.; rail, 60 lbs. Rate of fare, 5 cents. Floating debt is secured by mortgages on real estate. Annual meeting, second Tuesday in June. *Directors:* Daniel S. Lamont, Henry Thompson, T. F. Ryan, New York, N. Y.; C. E. Warren, D. B. Hasbrouck, Brooklyn, N. Y.; P. A. B. Widener, W. L. Elkins, Philadelphia, Pa. *Officers:* Daniel S. Lamont, *Pres.*, New York, N. Y.; D. B. Hasbrouck, *Sec. & Treas.;* H. W. Edes, *Supt.*, Brooklyn, N. Y. GENERAL OFFICE, 415 East 10th St., New York, N. Y.

Ithaca Street Ry. Co. Chartered November 18, 1884; road opened January 2, 1888. Gauge, 4 ft. 8½ in.; rail, 30 lbs. Rate of fare, 5 cents. Daft system of electricity. Interest payable at company's office. Funded debt consists of $20,000 6 per cent. bonds and mortgage, due July 1, 1907, interest payable July and January. *Directors:* D. W. Burdick, C. H. White, D. F. Van Vleet, Chas. C. Garrett, Ithaca, N. Y.; J. J. Stevens, Washington, D. C.; J. I. Scollard, Clinton,

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N. Y.; C. D. Haines, New York, N. Y. *Officers:* D. W. Burdick, *Pres.;* Chas. H. White, *Sec.;* D. F. Van Vleet, *Treas.*, Ithaca, N. Y. GENERAL OFFICE, 16 East State St., Ithaca, N. Y.

Jamaica and Brooklyn Road Co. Chartered October 18, 1883; originally East New York and Jamaica RR. Co. Purchased on foreclosure by the Jamaica, Woodhaven and Brooklyn RR. Co. Consolidated with the Jamaica and Brooklyn Plank Road Co., under the name of the Jamaica and Brooklyn Road Co., February 23, 1880. This railroad was leased to Aaron K. Stiles, April 15, 1887, during the duration of its charter. Commenced operating the road October 1, 1887. The motive power was horses up to January 1, 1888, after which Sprague electric motors were used. The road has been undergoing repairs nearly the whole time. Gauge, 4 ft. 8½ in.; rail, 47 lbs. Rates of fare, 5 and 10 cents. Capital stock—deferred, $100,000; preferred, $97,480. Annual meeting, first Tuesday in March. *Directors:* C. H. Coster, H. Schermerhorn, Jr., E. P. Bromley, Walter B. Horn, John Lindley, J. G. Fanshawe. *Officers:* Samuel Spencer, *Pres.;* Wm. T. Litson, *Treas.;* C. T. Christanson, *Sec.;* G. W. Offutt, *Supt.*, Jamaica, N. Y. GENERAL OFFICE, Jamaica, N. Y.

Jamestown Street Ry. Co. Chartered October 18, 1883. Gauge, 4 ft. 8½ in.; rail, 30 and 42 lbs. Rate of fare, 5 cents. Funded debt consists of $25,000 1st mtge. 6 per cent. bonds, due July 1, 1891. Interest payable January and July. Annual meeting, third Monday in October. *Directors:* James B. Ross, L. B. Warner, O. E. Jones, Frank E. Gifford, A. N. Broadhead, Robert N. Marvin, W. S. Cameron, Jamestown, N. Y. *Officers:* James B. Ross, *Pres.;* L. B. Warner, *Vice-Pres.;* A. E. Broadhead, *Treas.;* W. S. Cameron, *Sec.;* George E. Maltby, *Supt.*, Jamestown, N. Y. GENERAL OFFICE, Jamestown, N. Y.

Jerome Park Ry. Co. Chartered April 26, 1880. Gauge, 4 ft. 8½ in.; rail, 50 and 56 lbs. Rate of fare, 10 cents. Funded debt consists of $100,000 6 per cent. bonds, due 1890, interest payable May and November. *Directors:* Wm. A. Duer, Jno. Hunter, C. P. Bauerdorf, Theo. Moss, F. A. Lovecraft, W. H. McVickar, New York, N. Y.; C. J. Martin, Newark, N. J. *Officers:* Wm. A. Duer, *Pres.;* Theodore Moss, *Treas.;* Fred. A. Lovecraft, *Sec.*, New York City. GENERAL OFFICE, Fifth Ave. and 22d St., New York, N. Y.

Johnstown, Gloversville & Kingsboro' Horse RR. Co. Chartered November 12, 1873; leased to Stoller and Van Sickler for 5 years from December 15, 1885. Gauge, 4 ft. 8½ in.; rail, 26 lbs. Rates of fare, 5 and 10 cents. Funded debt consists of $1,000 5 per cent. bonds, due 1889, interest January 1. Rental of road, $4,000. Interest and dividends payable at company's office. Annual meeting, first Tuesday in January. *Directors:* James Younglove, Louis Veghte, D. A. Wells, Jonathan Ricketts, Martin Kennedy, W. S. Northrup, J. McLaren, Johnstown, N. Y.; C. C. Alvord, F. M. Mab, Lawton Caton, W. I. Hecock, C. W. Judson, Gloversville, N. Y.; N. Littauer, New York, N. Y. *Officers:* W. S. Northrup, *Pres.;* J. McLaren, *Treas.*, Johnstown, N. Y.; L. Caton, *Sec.*, Gloversville, N. Y. GENERAL OFFICE, Johnstown, N. Y.

Kingston City RR. Co. Chartered June 5, 1879. This company is successor to the Kingston and Rondout RR. Co., whose property was sold under foreclosure May 13, 1879, and purchased by Thomas Cornell, by whom it was subsequently conveyed to this company. Gauge, 4 ft. 8½ in.; rail, 40 lbs. Rate of fare, 5½ cents. Funded debt consists of $15,000 1st mtge. 7 per cent. bonds, due June 12, 1909, interest January and July; $10,500 6 per cent. debenture bonds, due June 1, 1890, interest June and December; $6,000 6 per cent. bonds and mortgages, due on demand, interest quarterly. Dividends paid January and July at company's office, where interest is also payable. Annual meeting, second Wednesday in October. *Directors:* Samuel D. Coykendall, George Coykendall, James D. Lindsley, Alva S. Staples, Abel A. Crosby, Michael J. Madden, Edwin Sherer, Charles Bray, Rondout, N. Y.; Myron Teller, Anthony Benson, Kingston, N. Y. *Officers:* James G. Lindsley, *Pres.;* P. E. Schoonmaker, *Sec. & Treas.;* William H. De Garmo, *Supt.*, Rondout, N. Y. GENERAL OFFICE, Rondout, N. Y.

Lansingburg and Cohoes RR. Co. Chartered March 8, 1880; operated under lease by the Troy and Lansingburg RR. Co.; rental, at 7 per cent. dividends on stock. Gauge, 4 ft. 8½ in.; rail, 45 lbs. Rates of fare, 5 and 10 cents. *Directors:* Wm. Barton; Wm. Kemp, Otis G. Clark, Charles Clemingshaw, Levi Smith, Troy, N. Y.; A. A. Peebles, E. Van Schoonhoven, C. H. Dauchy, Lansingburg, N. Y.; George Campbell, Cohoes, N. Y. *Officers:* James Jackson, Jr., *Pres.*, Lockport, N. Y.; Wm. Kemp, *Vice-Pres.;* Joseph J. Hagen, *Sec. & Treas.*, Troy, N. Y. GENERAL OFFICE, 309 River St., Troy, N. Y.

Larchmont Manor Company. This company was formed on the 11th day of April, 1872, pursuant to an Act of the Legislature of the State of New York, entitled "An act to authorize the forming of corporations for the erection of buildings," passed April 5, 1853, and the several acts amendatory and supplemental thereto. The object for which the said company was formed was to erect buildings, to lay out and subdivide lands into building lots and villa plots, and to improve and sell the same. The horse railroad was built to connect the said property with the New York, New Haven and Hartford RR., for the purpose of conveying the people living on said Manor to and from the station on land owned by the said Larchmont Manor Company, and is not organized and operated as a railroad separate from the other property of the Larchmont Manor Company. Gauge, 4 ft. 8½ in.; rail, 25 lbs. Rate of fare, 5 cents. Annual meeting, third Tuesday in January. *Directors:* Charles H. Murray, Jersey City, N. J.; T. H. French, Helena Flint, New York, N. Y.; E. E. Flint, Chicago, Ill.; W. H. Campbell, Wm. Murray, Julia W. Southack, Larchmont, N. Y. *Officers:* Charles H. Murray, *Pres.;* W. H. Campbell, *Sec., Treas. & Supt.*, Larchmont, N. Y. GENERAL OFFICE, Larchmont Manor, N. Y.

Lockport Street RR. Co. This company was incorporated on October 6, 1885; construction completed December 31, 1886; operations commenced January 1, 1887. Gauge, 4 ft. 8½ in.; rail, 42 lbs. Rate of fare, 5 cents. Annual meeting, second Tuesday in January. *Directors:* E. M. Ashley, John Hodge, Jesse Peterson, E. Ashley Smith, A. S. Benely, J. Carl Jackson, W. T. Ransom, Lockport, N. Y. *Officers:* J. Hodge, *Pres. & Treas.;* W. T. Ransom, *Sec.*, Lockport, N. Y. GENERAL OFFICE, Lockport, N. Y.

Long Island City and Newtown RR. Co. Chartered May, 1883; consolidated June 23 of the same year with the Long Island City and Maspeth and Long Island City and Calvary Cemetery RR. Cos. Gauge, 4 ft. 8½ in.; rail, 45 lbs. Operated by Sprague system of electricity. Rates of fare, 5 and 10 cents. Funded debt consists of $100,000 6 per cent. bonds, due 1905, interest semi-annually. Annual meeting, third Monday in January. *Directors:* James Christian, James W. Lamb, John Courtney, John H. Courtney, Brooklyn, N. Y.; Patrick J. Gleason, Michael Conway, Thomas Curry, Long Island City, N. Y. *Officers:* Patrick J. Gleason, *Pres. & Treas.*, Long Island City, N. Y.; James W. Lamb, *Sec. & Gen. Man.*, Brooklyn, N. Y. GENERAL OFFICE, 112 Front St., Long Island City, N. Y.

Main, Court and Chenango Street RR. Co. Gauge, 4 ft. 8 in.; rail, 20 lbs. *Officers:* Henry Westcott, *Pres.;* N. L. Covell, *Supt. & Lessee.* GENERAL OFFICE, Binghamton, N. Y.

Maple Avenue RR. Co. Chartered May 16, 1887; opened throughout its entire length since July 1, 1888. Gauge, 4 ft. 8½ in.; rail, 38 and 52 lbs. Rate of fare, 5 cents. Annual meeting, second Tuesday in August. *Directors:* D. C. Robinson, J. H. Clark, Southport, N. Y.; John Brand, Matthias H. Arnot, George M. Robinson, Frederic Barker, Wilbur W. Fish, Elmira, N. Y. *Officers:* D. C. Robinson, *Pres.*, Southport, N. Y.; G. M. Robinson, *Sec.;* John Brand, *Treas.;* W. Chas. Smith, *Supt.*, Elmira, N. Y. GENERAL OFFICE, Elmira, N. Y.

Metropolitan Avenue City Line. Gauge, 4 ft. 8½ in.; rail, 42 to 47 lbs. Capital stock, $100,000. *Officers:* Geo. W. Van Allen, *Pres.;* Wm. B. Wait, *Sec.;* C. B. Cottrell, *Treas.;* Chas. E. Harris, *Supt.* GENERAL OFFICE, East Williamsburg, N. Y.

Mohawk and Ilion Horse RR. Co. Chartered April 12, 1870. Gauge, 4 ft. 8½ in.; rail, 30 lbs. Rates of fare, 4 and 6 cents. Funded debt paid by earnings, $2,800. Annual meeting, first Tuesday in June. *Directors:* O. W. Bronson, L. L. Lowell, H. D. Alexander, R. M. Devendorf, John Brown, J. B. Rafter, Mohawk, N. Y.; Charles W. Carpenter, Ilion, N. Y. *Officers:* O. W. Bronson, *Pres. & Supt.;* R. M. Devendorf, *Treas.;* H. D. Alexander, *Sec.*, Mohawk, N. Y. GENERAL OFFICE, Mohawk, N. Y.

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Mount Vernon and East Chester Ry. Co. Chartered November 14, 1887. Gauge, 4 ft. 8½ in.; rail, 42 lbs. Rate of fare, 5 cents. Funded debt, $75,000 6 per cent. 1st mtge. bonds, due August 1, 1910, interest payable August and February. Annual meeting, August 15. *Directors:* W. R. Bergholz, Leo Bergholz, New Rochelle, N. Y.; Emil Wolff, M. Thalmessinger, E. Thalmessinger, D. O'Brien, New York, N. Y. *Officers:* W. R. Bergholz, *Pres.;* Leo Bergholz, *Sec.;* Emil Wolff, *Treas.*, New York, N. Y.; Henry Esser, *Supt.*, Mount Vernon, N. Y. GENERAL OFFICE, 15 Cortlandt St., New York, N. Y.

New Brighton and Onondaga Valley Ry. Co. Chartered May 5, 1869; amended April 15, 1870. Gauge, 4 ft. 8 in.; rail, 16 and 35 lbs. Dummy engine, 1; other vehicles, 2. Rate of fare, 6 cents. Funded debt consists of $3,500 past due notes, interest payable January and July, and May and November; $7,000 1st mtge. 6 per cent. bonds, due 1897, interest payable January and July; and $2,900 real estate mtge. bonds, due 1899, interest payable January and July. Interest payable at Salt Springs National Bank, Syracuse, N. Y. Annual meeting, first Monday in June. *Directors:* Israel E. Britton, W. T. Hamilton, Syracuse, N. Y.; Frank E. Anderson, East Onondaga, N. Y.; T. W. Meachem, Onondaga Valley, N. Y. *Officers:* T. W. Meachem, *Pres. & Treas.*, Syracuse, N. Y.; Israel E. Britton, *Sec.*, Syracuse, N. Y.; Edward Harnden, *Supt.*, Onondaga Valley, N. Y. GENERAL OFFICE, 248 West Railroad St., Syracuse, N. Y.

Newburgh Street Ry. Co. Organized under the Street Surface Railroad Act of 1884, January 13, 1886. There are no leased lines operated by this company, and the company has not been consolidated with any other railroad or transportation company. The entire construction was under contract, and the entire road was finished and in operation on December 24, 1886. Gauge, 4 ft. 8½ in.; rail, 30 lbs. Rate of fare, 5 cents. Funded debt consists of $100,000 6 per cent. 1st mtge. bonds, due February 1, 1917, interest payable February and August. Annual meeting, second Tuesday in February. *Directors:* Antonio Rasines, Jno. McWilliam, Jno. S. McWilliam, Arthur L. Meyer, C. W. Dayton, William Moores, New York, N. Y.; Geo. Silver, Tarrytown, N.Y. *Officers:* Antonio Rasines, *Pres.;* Geo. Silver, *Vice-Pres.;* William Moores, *Sec. & Treas.*, New York, N. Y.; H. Ives Smith, *Supt.*, Newburgh, N. Y. GENERAL OFFICE, 3 Broad St., New York, N. Y.

New Rochelle and Pelham Ry. Co. Organized pursuant to Act of Legislature of State of New York, passed May 6, 1884: articles of incorporation filed in the office of the Secretary of State at Albany, August 22, 1885. The charter of the company was granted by the board of trustees of the village of New Rochelle, Westchester County, New York State, November 2, 1886. By resolution of the board of directors of this company, passed August 11, 1887, the road of the New Rochelle Street Horse Railroad was leased for and in consideration of one fifth the net income, to take effect September 1, 1887. This was done under Chapter 218, Laws 1839. Gauge, 4 ft. 8½ in.; rail, 38 lbs. Rate of fare, 5 cents. Funded debt consists of $135,000 6 per cent. bonds, due July 1, 1916, interest payable January and July. Annual meeting, December 8. Charles Strauss, *Receiver*, 237 Broadway, New York, N. Y.

New Williamsburgh and Flatbush RR. Co. Chartered October 18, 1873. Successor to the Williamsburgh and Flatbush RR. Co., chartered January 19, 1866; sold under foreclosure October 6, 1873. Gauge, 4 ft. 8½ in.; rail, 33 to 52 lbs. Rates of fare, 3 and 5 cents. Funded debt consists of $200,000 1st mtge. 7 per cent. bonds, due March 1, 1897, interest payable February and August. Gross income from all sources, $33,540.71, from which was deducted taxes, $7,843.07; interest, $11,666.67; rent of leased line, $6,250; total deductions, $25,759.74—leaving net income for ten months ending July 31, 1889, $7,780.97, against which was declared a dividend of 3 per cent. on capital stock, $9,000, leaving net deficit, July 31, 1889, $1,219.03. Annual meeting first Thursday preceding October 17. *Directors:* George W. Van Allen, William H. Van Allen, W. B. Walt, New York, N. Y.; Walter A. Jones, West Troy, N. Y.; David W. Binns, Brooklyn, N. Y.; C. B. Cottrell, Edgar H. Cottrell, Rhode Island. *Officers:* G. W. Van Allen, *Pres.;* William B. Walt, *Sec.*, New York, N. Y.; C. B. Cottrell, *Treas.*, Rhode Island; Charles E. Harris, *Supt.*, Brooklyn, N. Y. GENERAL OFFICE, Nostrand and Park Aves., Brooklyn, N. Y.

New York and Harlem RR. Co. Chartered April 25, 1831; road opened May 10, 1852. The steam road was leased to the New York Central and Hudson River RR. Co. (which see) April 1, 1873, for 401 years, at a rental equalling 8 per cent. on stock and interest (7 per cent.) on bonds. Gauge, 4 ft. 8½ in.; rail, 60 to 75 lbs. Rate of fare, 5 cents. Cars run, 2,440,717 miles. Funded debt consists of $12,000,000 7 per cent. consolidated mortgage bonds, due 1900, interest May and November; $5,000 6 per cent. consolidated mortgage sinking fund bonds, due 1893, interest February and August. Dividends paid annually, April 1, at Grand Central Depot, New York City. Annual meeting, third Tuesday in May. *Directors:* Cornelius Vanderbilt, William K. Vanderbilt, Frederick W. Vanderbilt, John B. Dutcher, Robert Schell, Chauncey M. Depew, Samuel F. Barger, William H. Leonard, John E. Burrill, Charles C. Clarke, Francis P. Freeman, Sam. D. Babcock, Alfred Van Santvoord, New York City. *Officers:* Cornelius Vanderbilt, *Pres.;* Charles C. Clarke, *Vice-Pres.;* Edward V. W. Rossiter, *Treas. & Sec.;* Alfred Skitt, *Supt.* GENERAL OFFICE, Grand Central Depot, New York, N. Y.

Niagara Falls and Suspension Bridge Ry. Co. Chartered October 20, 1882; road opened July 4, 1883. Gauge, 4 ft. 8½ in.; rail, 38 lbs. Average rate of fare, 4½ cents. Annual meeting, third Tuesday in September. Dividends paid at Niagara Falls, N. Y. *Directors:* Benjamin Flagler, Conrad Fink, Ames W. R. Henning, M. S. Langs, A-her S. Cudaback, Suspension Bridge, N. Y.; Geo. Knibbs, Niagara Falls, Ont.; Arthur Schoellkopf, Henry C. Howard, John Mackay, George Barker, W. R. Campbell, A. H. Gluck, Niagara Falls, N. Y.; J. F. Schoellkopf, Buffalo, N. Y. *Officers:* Benjamin Flagler, *Pres.*, Suspension Bridge, N. Y.; Arthur Schoellkopf, *Treas.*; John Mackay, *Sec.*; A. Schoellkopf, *Gen. Man.*, Niagara Falls, N. Y. GENERAL OFFICE, Niagara Falls, N. Y.

Ninth Avenue RR. Co. Chartered July 29, 1859. Gauge, 4 ft. 8½ in.; rail 45 to 60 lbs. Gross income from all sources, $36,302.26, from which was deducted taxes, $13,267.66; rent of depot, $12,500—total deductions, $25,767.66; leaving net income $10,534.60. Rate of fare, 5 cents. Annual meeting, third Monday in January. *Directors:* George Law, Paul N. Spofford, E. St. J. Hays, Heman B. Wilson, Joseph J. O'Donohue, Otis W. Randall, G. G. Wright, Joseph H. Godwin, Jacob Hays, New York, N. Y.; Stephen H. Herriman, William Ravesteyn, Brooklyn, N. Y.; James Affleck, J. G. Affleck, Yonkers, N. Y. *Officers:* George Law, *Pres.*; Jacob Hays, *Vice-Pres.*; James Affleck, *Sec. & Treas.*; James G. Affleck, *Ass. Sec. & Treas.*; Louis B. Foulk, *Supt.*, New York City. GENERAL OFFICE, Fifty-fourth St. and Ninth Ave., New York, N. Y.

North and East Greenbush Horse RR. Co. Chartered May 10, 1873; part of road opened for traffic December 19, 1885. Road not fully completed. Gauge, 4 ft. 6 in. Rates of fare, 5, 6 and 7 cents. Funded debt consists of $29,000 1st mtge. 5 per cent. bonds, due May 1, 1911, interest payable May and November. Annual meeting, January 17. *Directors:* A. B. Banks, A. Van Vechten, J. F. P. Huber, Hy. Falke, J. W. Andrews, J. E. Frederick, Albany, N. Y.; J. W. Gascoigne, East Greenbush, N. Y. *Officers:* A. B. Banks, *Pres.*, Albany, N. Y.; J. W. Gascoigne, *Sec. & Treas.*, East Greenbush, N. Y. GENERAL OFFICE, 473 Broadway, Albany, N. Y.

North and East River RR. Co. Chartered in June, 1887. Length of line, 1.5 miles. Bentley-Knight system of electricity. Road not in operation. *Officers:* A. Raymond, *Pres.;* F. W. Child, *Sec.;* N. S. Smith, *Treas.* OFFICE, 115 Broadway, New York City.

Ogdensburg Street Ry. Co. Articles of Association filed December 22, 1885; commenced partial operation August 14, 1886. Road not fully completed at date of this report. Gauge, 4 ft. 8½ in.; rail, 20 to 25 lbs. Average rate of fare, 4½ cents. *Directors:* W. H. Daniels, Wm. L. Proctor, H. B. Howard, E. A. Newell, S. H. Palmer, R. E. Waterman, Jno. M. Kellogg, Ogdensburg, N. Y. *Officers:* Wm. H. Daniels, *Pres.;* E. A. Newell, *Sec.*; A. E. Smith, *Treas.*; H. B. Howard, *Supt.*, Ogdensburg, N. Y. GENERAL OFFICE, Ogdensburg, N. Y.

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Olean Street Ry. Co. Chartered March 1, 1880. Gauge, 3 ft. 6 in.; rail, 25 lbs. Rate of fare, 5 cents. Annual meeting, first Tuesday in October. *Directors:* M. W. Barse, D. C. Le Ferre, H. C. Morris, W. M. Irish, Thomas Gilligan, John Fobes, C. S. Carey, Olean, N. Y. *Officers:* John Fobes, *Pres. & Supt.;* M. W. Barse, *Sec. & Treas.* GENERAL OFFICE, 264 Union St., Olean, N. Y.

Oneida Ry. Co. Chartered May 14, 1885; road completed and operations commenced July 4, 1885. Gauge, 4 ft. 8½ in.; rail, 47 lbs. Rate of fare, 5 cents. Funded debt consists of $1,962 6 per cent. notes. Annual meeting, second Tuesday in October. *Directors:* John E. Stone, J. R. H. Whitnall, Jno. J. Hodge, Seymour Harvey, E. E. Coon, E. J. Brown, H. S. Klock, W. E. Northrup, Oneida, N. Y. *Officers:* W. E. Northrup, *Pres.;* J. J. Hodge, *Sec. & Treas.;* Charles Bonta, *Supt.*, Oneida, N. Y. GENERAL OFFICE, Oneida, N. Y.

Oneida Street (Utica) RR. Co. Chartered January 12, 1887, under the laws of the State of New York, Chapter 252, Laws of 1884; construction commenced May 9, 1887, and the portion in use completed July 1, 1887. No leased lines. About one and one-half mile built in 1887. Gauge, 4 ft. 8½ in.; rail, 35 lbs. Rate of fare, 5 cents. Annual meeting, January 12. *Directors:* Henry Ney, Wm. C. Wilcox, T. Jay Griffith, Frank J. Cronk, Henry M. Ney, Utica, N. Y.; Daniel L. Jones, Isaac D. Reynolds, Brooklyn, N. Y. *Officers:* Henry Ney, *Pres.;* Frank J. Cronk, *Sec.;* Wm. C. Wilcox, *Treas.*, Utica, N. Y. GENERAL OFFICE, 71 Genesee St., Utica, N. Y.

Oneonta Street Ry. Co. Chartered November 28, 1887. Gauge, 4 ft. 8½ in.; rail, 35 to 38 lbs. Average rate of fare, 4 cents. *Directors:* David Whipple, N. I. Ford, J. Sherry Smith, O. C. McCrum, D. F. Wilber, David Wilber, Geo. I. Wilber, Reuben Reynolds, N. N. Bull, Fred. Wilcox, B. A. Church, Oneonta, N. Y. *Officers:* David Wilber, *Pres. & Supt.;* T. D. Tallmadge, Jr., *Sec. & Treas.*, Oneonta, N. Y. GENERAL OFFICE, Oneonta, N. Y.

Oswego Street Ry. Co. Chartered May 7, 1885; road completed and operations commenced August 23, 1885. Gauge, 4 ft. 8½ in.; rail, 45 lbs. Rates of fare, 4 and 5 cents. Capital stock by charter, $20,000. Funded debt consist of $5,500 5 per cent. bonds and mortgages, due July 1, 1896, interest payable January and July. Annual meeting, last Monday in April. *Directors:* James F. Johnson, James Dowdle, James Sutton, James B. Donnelly, John K. Post, H. D. McCaffrey, F. A. Emerick, F. L. Smith, R. J. Oliphant, P. W. Cullinan, A. A. Wellington, H. A. Wilcox, Joseph Cullen, Oswego, N. Y. *Officers:* R. J. Oliphant, *Pres.;* H. A. Wilcox, *Sec.;* Jno. P. Phelps, *Treas.;* W. S. Turner, *Supt.*, Oswego, N. Y. GENERAL OFFICE, Oswego, N. Y.

Peoples Ry. Co. Chartered April 22, 1887. Operations commenced about July 1, 1889. Gauge, 4 ft. 8½ in.; rail, 47 lbs. Funded debt consists of $300,000 1st mtge. 5 per cent. bonds, due in 1919, interest payable February and August. Annual meeting, second Tuesday in January. *Officers:* J. R. Swan, *Pres.;* Samuel Beardsley, *Sec.;* N. H. Child, *Treas.;* A. Bartlett, *Supt.* GENERAL OFFICE, Syracuse, N. Y.

Pelham Park RR. Co. This company operates the City Island Railroad under a pooling agreement, and the earnings and expenses of that company are included in the earnings and expenses of this company. Chartered August 30, 1884; road opened May 25, 1887. Gauge, 3 ft. 6 in.; rail, 30 to 57 lbs. Average rate of fare, 6 cents. Funded debt consist of $31,500 1st mtge. 6 per cent. 20-year bonds, due April 1, 1907, interest payable April and October. Annual meeting, first Wednesday in June. Dividends paid on 15th day of January, April, July and October, at 16 and 18 Exchange Place, New York, N. Y. Interest payable at Farmers' Loan and Trust Co., New York, N. Y. *Directors:* Henry D. Carey, Geo. Laue, City Island, N. Y.; E. N. Anable, Long Island City, N. Y.; W. R. Lamberton, Pelham Manor, N. Y.; Howard N. Potter, New Rochelle, N. Y.; J. R. Burnett, Astoria, N. Y.; Frank C. Hollins, New York, N. Y. *Officers:* W. R. Lamberton, *Pres.;* E. N. Anable, *Sec. & Treas.*, 16 and 18 Exchange Place, New York, N. Y.; Chas. Miller, *Gen. Supt.*, City Island, N. Y. GENERAL OFFICE, City Island, N. Y. New York Office, 16 and 18 Exchange Place.

Port Chester and Rye Beach Street Ry. Co. Gauge, 4 ft. 8 in.; rail, 45 lbs. Capital stock, $50,000. Operated by electricity. *Officers:* F. H. Skeele, *Pres.;* A. H. Farrer, *Vice-Pres. & Gen. Man.;* Jas. H. Moran, *Sec.;* V. A. Krepps, *Treas.* GENERAL OFFICE, 38 Wall St., New York, N. Y.

Prospect Park and Coney Island Ry. Co. Consolidation October 9, 1874, of the Park Avenue RR. Co., chartered February 12, 1870, and the Greenwood and Coney Island RR. Co., chartered August 12, 1872. Gauge, 4 ft. 8½ in.; rail, 40 and 50 lbs. Average rates of fare, 3 and 5 cents. Funded debt consists of (horse car division), $5,000 5 per cent. real estate mortgage bonds, due in 1 year, interest payable June and December; $61,704.92 5 per cent. general mortgage bonds, due 1894; interest payable July and January. On January 1, 1886, this company leased for the full term of its corporate existence, to the Atlantic Avenue RR. Co. of Brooklyn, all its horse-car railroads rights and properties in the City of Brooklyn. See also General Index for the statement of the Atlantic Avenue RR. Co., and of the Prospect Park and Coney Island RR. Co. *Officers and Directors*, same as Atlantic Avenue RR. Co.

Prospect Park and Flatbush RR. Co. Chartered October 30, 1875. Gauge, 4 ft. 8½ in.; rail, 34 lbs. Rate of fare, 5 cents. Capital stock by charter, $50,000. Funded debt consists of $20,000 6 per cent. 1st mtge. bonds, due 1906, interest payable February and August. Interest payable at 45 Broadway, Brooklyn, N. Y. Annual meeting, first Tuesday in August. *Directors:* John G. Jenkins, Theodore F. Jackson, Samuel Parkhill, Loftis W. O'Berry, Walter G. Howey, Thomas Ennis, Brooklyn, N. Y.; Alexander Frazer, New York City. *Officers:* John G. Jenkins, *Pres.;* Walter G. Howey, *Sec. & Supt.;* Theodore F. Jackson, *Treas.*, Brooklyn, N. Y. GENERAL OFFICE, 45 Broadway, Brooklyn, N. Y.

Richmond County (Staten Island) RR. Co. Chartered March 2, 1885. No report received; company said to be in hands of a receiver. Gauge, 4 ft. 8½ in.; rail, 42 and 50 lbs. Funded debt, $55,000 6 per cent. mortgage bonds, due 1915, interest June and December. *Directors:* H. R. Dixon, H. Don Leslie, Robert Moore, R. Christopher, Ed. A. Moore, J. H. Wellbrock, M. Eckstein, West New Brighton, S. I., N. Y. *Officers:* H. R. Dixon, *Pres.;* H. Don Leslie, *Sec.;* M. Eckstein, *Treas.;* Robert Moore, *Supt.*, West New Brighton, S. I., N. Y.

Riker Avenue and Sanford's Point RR. Co. This company was organized and articles of association filed in the Secretary of State's office September 23, 1886. The franchise on Riker Avenue, Long Island City, was purchased at public auction December 2, 1886, and the grant issued by the mayor and treasurer of Long Island City, N. Y., under date of December 4, 1886, and recorded in Queen's County clerk's office, in liber 694 of deeds, December 7, 1886. The consent of a majority of owners in assessed value abutting on the line were filed in Queens County clerk's office, January 22, 1887. The road was completed and running June 1, 1887, and leased, with its depot, to the Steinway and Hunter's Point Railroad Company at an annual rental of $1,251.90, and payment of all taxes and keeping said road in perfect condition. Annual meeting, last Tuesday in April. *Directors:* J. H. Hempstead, Yonkers, N. Y.; C. F. Trostzsch, Long Island City, N. Y.; Oscar R. Steins, Wm. Steinway, Felix Kriener, E. Rathgeber, G. A. Steinway, New York, N. Y. *Officers:* J. H. Hempstead, *Pres.*, Yonkers, N. Y.; Oscar R. Steins, *Treas.*, New York, N. Y. GENERAL OFFICE, 109 E. 14th St., New York, N. Y.

Rochester City and Brighton RR. Co. Chartered May 31, 1862. Amended March 3, 1868. Sold under foreclosure March 3, 1868, and present company organized same day. Gauge, 4 ft. 8½ in.; rail, 30, 45 and 57 lbs. Rate of fare, 3 and 5 cents. Funded debt, $200,000 1st mtge. 7 per cent. bonds, due October 1, 1893, interest payable April and October, and $500,000 2d mtge. 6 per cent. bonds, due January 1, 1902, interest payable January and July. Annual meeting, third Tuesday in May. *Directors:* George Ellwanger, C. B. Woodworth, Patrick Barry, James M. Whitney, Charles P. Barry, William I. Barry, William D. Ellwanger, F. E. Woodworth, George H. Ellwanger, Charles F. Pond, Wm. G. Watson, C. C. Woodworth, Charles S. Baker, John P. Barry, Rochester, N. Y. *Officers:* Patrick Barry, *Pres.;* C. B. Woodworth, *Treas.;* C. C. Woodworth, *Sec.;* Thomas J. Brown, *Supt.*, Rochester, N. Y. GENERAL OFFICE, Rochester, N. Y.

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Rochester Electric Ry. Co. Chartered July 8, 1887. Operated by electricity. Gauge, 4 ft. 8½ in.; rail, 40 lbs. *Directors:* Asa T. Soule, C. C. Woodworth, J. B. Perkins, Wm. C. Barry, Wm. Soule, Chas. S. Baker, W. D. Ellwanger, E. A. Fisher, W. H. Yerkes, B. P. Smith, Eugene T. Curtis, James M. Whitney, Rochester, N. Y.; Stephen Stace, Charlotte, N. Y. *Officers:* Asa T. Soule, *Pres.*; J. B. Perkins, *Sec.*; C. C. Woodworth, *Treas.* GENERAL OFFICE, Rochester, N. Y.

Rockaway Village RR. Co. Chartered March, 1886. Gauge, 4 ft. 8½ in.; rail, 47 lbs. Rate of fare, 5 cents. Funded debt, $25,000 1st mtge. 5 per cent. bonds, due 1901, interest payable May and November. *Directors:* Charles A. Cheever, John D. Cheever, David L. Haight, Jos. S. Auerbach, Patrick Donohue, New York City; Chris. Cunningham, Brooklyn, N. Y.; Wm. A. Wynn, Far Rockaway, N. Y. *Officers:* Charles A. Cheever, *Pres.*; J. D. Cheever, *Vice-Pres.*; Jos. S. Auerbach, *Sec.*; D. L. Haight, *Treas.*, New York, N. Y. GENERAL OFFICE, Far Rockaway, N. Y.

Rome City Street Ry. Co. Organized under the Street Surface Railroad Act of 1884. Certificate of incorporation filed in the office of the Secretary of State December 22, 1885. There are no leased lines operated by this company, and the company has not been consolidated with any other railroad or transportation company. The entire construction was under a contract made with Antonio Rasines, and the road was entirely built and completed between the 1st day of April and September 30, 1887. The road commenced operations July 4, 1887. Gauge, 4 ft. 8½ in.; rail, 38½ lbs. Rates of fare, 4½ and 5 cents. Funded debt consists of $120,000 1st mtge. 6 per cent. bonds, due May 1, 1917, interest payable May and November. Annual meeting, first Tuesday in October. *Directors:* Antonio Rasines, C. W. Dayton, W. Moores, Jno. McWilliam, Arthur I. Meyer, Jno. S. McWilliam, Jos. F. Stier, New York, N. Y. *Officers:* Antonio Rasines, *Pres.*; C. W. Dayton, *Vice-Pres.*; Wm. Moores, *Sec. & Treas.*, New York, N. Y.; Wm. P. Rayland, *Supt.*, Rome, N. Y. GENERAL OFFICE, 45 Pine St., New York, N. Y.

Saratoga Electric Ry. Co. Chartered July 8, 1889. Gauge, 4 ft. 8½ in.; rail, 25 lbs. Rate of fare, 5 cents. Thomson-Houston system of electricity. Capital stock authorized, $150,000. Funded debt authorized, $50,000. *Officers:* J. L. Butman, *Pres.*, Saratoga, N. Y.; Jno. M. Burt, *Sec.*, Bennington, Vt.; Winthrop Coffin, *Treas.*, Boston, Mass. GENERAL OFFICE, Saratoga, N. Y.

Schenectady Street Ry. Co. Chartered February 25, 1886. The construction of its road commenced in 1886, but owing to various causes and delays the construction was not so far advanced that the road could be opened for business until July, 1887, and it commenced operating on July 16, 1887. Gauge, 4 ft. 8½ in.; rail, 40 lbs. Rate of fare, 5 cents. Funded debt consists of $30,000 1st mtge. 6 per cent. bonds, coupon, due 1916, interest payable May and November. Annual meeting, second Monday in December. *Directors:* A. R. Chisolm, C. M. Pratt, W. F. Carey, F. L. White, A. C. Bedford, Wm. Phelps, New York, N. Y. *Officers:* A. R. Chisolm, *Pres.*; A. C. Bedford, *Sec. & Treas.*, New York, N. Y.; D. G. Christie, *Supt.*, Schenectady, N. Y. GENERAL OFFICE, Schenectady, N. Y.

Sea Cliff Inclined (Cable) Ry. Co. Chartered November 27, 1885. Road opened July 3, 1886. This road is 478 feet in length; it is constructed to convey passengers from the docks and shore to the top of the bluff, and is only operated in the summer season. Gauge, 4 ft. 8½ in.; rail, 25 lbs. Rate of fare, 5 cents. Annual meeting, first Tuesday in October. *Directors:* J. W. Lane, Glen Cove, N. Y.; W. R. De Puy, Chauncey Combs, Sea Cliff, N. Y.; E. A. Dailey, A. C. Dailey, New York, N. Y. *Officers:* J. W. Lane, *Pres.*, Glen Cove, N. Y.; Chauncey Combs, *Vice-Pres.*, Sea Cliff, L. I., N. Y.; E. A. Dailey, *Sec.*; A. C. Dailey, *Treas.*, New York, N. Y. GENERAL OFFICE, Sea Cliff, L. I., N. Y.

Second Avenue RR. Co. Chartered January 21, 1853. Gauge, 4 ft. 8½ in.; rail, 60 lbs. Rate of fare, 5 cents. Funded debt consists of $1,600,000 5 per cent. general consolidated mortgage bonds, due November 1, 1909, interest payable May and November. Annual meeting, first Monday in April. *Directors:* James L. Breese, Aug. S. Hutchins, Payson Merrill, Chas. F. Cox, Wm. E. Peck, Richard A. Anthony, Moses Mehrbach, Chas. Brenneman, Samuel Knox, Noah C. Rogers, M. M. White, Geo. S. Hart, New York City; E. C. Smith, Brooklyn, N. Y. *Officers:* George S. Hart, *Pres.*; John B. Underhill, *Sec. & Treas.*; D. Dillenbeck, *Supt.*, New York City. GENERAL OFFICE, Second Avenue and 96th St., New York, N. Y.

Seneca Falls and Cayuga Lake RR. Co. Chartered May 24, 1886. The company also leases about one-third of a mile of track in the village of Seneca Falls, from the Seneca Falls and Waterloo Railroad Company. Gauge, 4 ft. 8½ in.; rail, 58 and 60 lbs. Rate of fare: general, 10 cents; special, 5 cents. Funded debt consists of $40,000 1st mtge. 6 per cent. bonds, due January 1, 1907, interest payable January and July. Annual meeting, third Wednesday in May. *Directors:* Henry W. Pope, James E. Browne, George W. Stetson, Percy L. Klock, G. V. B. Frost, W. E. Huntington, W. H. Woolverton, New York City. *Officers:* Henry W. Pope, *Pres.*; James E. Browne, *Sec. & Treas.*, New York, N. Y. GENERAL OFFICE, Seneca Falls, N. Y.

Seneca Falls and Waterloo RR. Co. Organized under chapter 197, Laws of 1866, and reorganized under chapter 532, Laws of 1884. January 24, 1886, the company leased to the Seneca Falls and Cayuga Lake Railroad Company for 99 years, at an annual rental of $300, about eighty-five one-hundredths of a mile of road, situate in the village of Seneca Falls. Gauge, 4 ft. 8½ in.; rail, 40 lbs. Funded debt consists of $60,000 1st mtge. 6 per cent. bonds, due 1906, interest payable January and July. Road sold under foreclosure October 22, 1889, to S. L. Phillips, of Seneca Falls, N. Y. Company to be reorganized and motive power to be changed to electricity. W. L. Mercer, *Receiver.*

Seventh Ward (Syracuse) Street Ry. Co. Chartered March 11, 1886. Gauge, 4 ft. 8½ in.; rail, 45 and 47 lbs. Rates of fare, 3, 4 and 5 cents. Funded debt consists of $25,000 6 per cent. 20-year bonds, due 1906, interest payable February and August. Annual meeting, first Monday in March. *Directors:* E. F. Rice, Daniel Candee, E. B. Judson, Jr., R. S. Sperry, J. N. Knapp, D. McCarthy, D. K. McCarthy, R. M. Molyneux, Lewis Marshall, Syracuse, N. Y. *Officers:* E. F. Rice, *Pres. & Treas.*; E. J. Rice, *Sec.*; Frank Purnell, *Supt.*, Syracuse, N. Y. GENERAL OFFICE, 3 Hendrick Block, Syracuse, N. Y.

Sixth Avenue RR. Co. Chartered September 6, 1851. Rate of fare, 5 cents. Gauge, 4 ft. 8½ in.; rail, 60 lbs. Funded debt consists of 1st mtge. 7 per cent. bonds, due January 1, 1890, interest payable January and July, $500,000. Annual meeting, second Tuesday in February. Books close for annual meeting seven days before, and re-open day after the meeting. *Directors:* F. P. Olcott, Wm. S. Mortimer, Henry Demarest, Theo. R. Macy, Charles G. Landon, Samuel Thorne, Frank Curtiss, Edward Weston, Wm. Carpenter, New York City; Henry S. Moore, White Plains, N. Y.; Albert W. Green, Brick Church, N. J. *Officers:* Frank Curtiss, *Pres.*; Henry S. Moore, *Sec. & Treas.*; Peter A. Miller, *Supt.*, New York, N. Y. GENERAL OFFICE, 758 Sixth Avenue, New York, N. Y.

South Brooklyn Central RR. Co.—Chartered August, 1887. Successor to South Brooklyn and Park RR. Co., whose property was sold under foreclosure in July, 1887. This road was recently purchased by the Atlantic Avenue RR. Co. Gauge, 4 ft. 8½ in.; rail, 60 lbs. Rates of fare, 3 and 5 cts. Funded debt consisted, September 30, 1889, of $125,000 7 per cent. bonds, and $150,000 6 per cent. bonds; both descriptions of bonds are due August 1, 1897, interest payable February and August; $3,500 real estate 5 per cent. mtge. bonds, interest payable June and December. Interest payable at First National Bank, Brooklyn, N. Y. Annual meeting, December 11. *Directors:* William Richardson, William J. Richardson, N. H. Frost, Henry Meyer, James H. Kirby, Augustus Storrs, Brooklyn, N. Y. *Officers:* William Richardson, *Pres. & Supt.*; William J. Richardson, *Sec.*; N. H. Frost, *Treas.*, Brooklyn, N. Y. GENERAL OFFICE, Atlantic and Third Avenues, Brooklyn, N. Y.

South Ferry Ry. Co.—Chartered May 20, 1874. Gauge, 4 ft. 8½ in.; rail, 60 lbs. Rate of fare, 5 cents. Funded debt consists of $160,000 7 per cent. bonds, interest payable May and November. *Directors:* Henry Hart, Albert J. Ellas, John Beaver, James Sherwood, New York City; A. F. Vandcroef, Brooklyn, N. Y. *Officers:* Henry Hart, *Pres.*; Albert J. Ellas, *Sec. & Treas.*; Charles H. Meeks, *Supt.*, New York City. GEN-

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ERAL OFFICE, Room 110, Tribune Building, New York City.

Staten Island Belt Line RR. Co. Chartered July 26, 1887, and succeeded to the rights of the Staten Island Shore RR. Co. Gauge, 4 ft. 8½ in.; rail, 25 and 45 lbs. The will of Edward G. Brown being contested, a new management was instituted in June, 1886, under the direction of James Moore. On September 1, 1887, this road was sold to the Staten Island Belt RR. Co. in exchange for certain securities of that company, and all accounts have been kept in the name of said company since September 11, 1887. Rate of fare, 5 cents. James D. Van Hoevenburg, *Receiver*, 79 Cedar St., New York, N. Y. GENERAL OFFICE, Tompkinsville, S. I., N. Y.

Steinway and Hunter's Point RR. Co. Chartered April 28, 1883. Successor to Long Island City Shore RR. Co., chartered April 21, 1874, and sold under foreclosure April 17, 1883, to Wm. Steinway, who subsequently, in conjunction with other parties, organized the present company. The road has been entirely reconstructed and equipped. The Broadway and Bowery Bay RR. is leased for 50 years from July 2, 1883. Gauge, 4 ft. 8½ in.; rail (steel), 47 lbs. Rate of fare, 5 cents. Funded debt consists of $60,000 1st mtge. (on entire property) 6 per cent. 20-year bonds, due July 1, 1903, interest payable January and July; $60,000 6 per cent. Bway and B. B. RR. Co. bonds, due July, 1903, interest payable January and July; $25,000 7 per cent. Astoria and H. Pt. RR. Co. bonds, due June, 1897, interest payable June and December; $20,000 6 per cent. Steinway Ave. and B. B. RR. Co. bonds, due July 10, 1903, interest payable February and August; $100,000 6 per cent. Steinway and H. Pt. RR. Co. bonds, due September 30, 1886, interest payable January and July; $80,000 S. & H. Pt. RR. Co. 6 per cent. bonds, due September 3, 1887, interest payable January and July. Annual meeting, last Friday in April. *Directors:* William Steinway, Henry Zeigler, Geo. A. Steinway, Charles H. Steinway, Charles F. Tretbar, Harry D. Low, Jr., New York, N. Y.; H. A. Cassebeer, Jr., Long Island City, N. Y. *Officers:* George A. Steinway, *Pres.;* Henry A. Cassebeer, Jr., *Vice-Pres.;* Charles F. Tretbar, *Sec. & Treas.*, New York, N. Y.; A. D. Moulton, *Supt.*, Long Island City, N. Y. GENERAL OFFICE, 109 East 14th St., New York City, and Steinway, L. I., N. Y.

Stillwater and Mechanicsville Street Ry. Co. Chartered November 13, 1882; road opened June 1, 1883. Gauge, 4 ft. 8½ in.; rail, 25 and 30 lbs. Rate of fare, 10 cents. Funded debt consists of $12,000 1st mtge. (entire property) 6 per cent. 10-year bonds, dated April 1, 1883, interest payable April and October. Trustee of bonds, Albert E. Powers, Lansingburg, N. Y. Interest payable at D. Powers & Sons, Lansingburg, N. Y. Annual meeting, second Friday in November. *Directors:* Jas. H. Barton, Wm. L. Denison, Wm. W. Smith, George H. Lansing, Edward J. Wood, Peter V. Weisel, Lyman Smith, Wm. H. Blood, P. Van Vechten, J. W. Smith, S. Francis Wood, W. R. Palmer, W. S. Miller, Stillwater, N. Y.; H. O. Bailey, Merritt Hutchins, Mechanicsville, N. Y. *Officers:* William L. Denison, *Pres.;* Ed. J. Wood, *Sec. & Treas.;* P. Van Vechten, *Supt.*, Stillwater, N. Y. GENERAL OFFICE, Stillwater, N. Y.

Syracuse and Geddes Ry. Co. Chartered July 10, 1863. Gauge, 4 ft. 8½ in.; rail, 30 and 47 lbs. Rates of fare, 3, 3½ and 5 cents. Funded debt consists of $25,000 1st mtge. 7 per cent. construction and equipment bonds, due December 1, 1898; interest payable June and December, and $10,500 6 per cent. real estate and new block bonds, interest payable March and September. Annual meeting, Tuesday after first Monday in January. *Directors:* Daniel P. Wood, Peter Burns, Charles Andrews, George A. Kennedy, Charles T. Redfield, Jonathan G. Wynkoop, George C. Gere, Isaac R. Phanis, Charles E. Hubbell, T. W. Meacham, Syracuse, N. Y. *Officers:* R. N. Gere, *Pres.;* R. A. Bonta, *Sec. & Treas.;* William J. Hart, *Supt.*, Syracuse, N. Y. GENERAL OFFICE, Syracuse, N. Y.

Syracuse and Onondaga Ry. Co. Chartered April 29, 1863. Gauge, 4 ft. 8½ in.; rail, 28 and 36 lbs. Rates of fare, 3, 4 and 5 cents. Annual meeting, first Monday in October. *Directors:* A. S. Newell, L. C. Smith, Anson N. Palmer, H. L. Duguid, Chas. P. Clark, Wilbur M. Brown, E. E. Britton, M. W. Hanchett, J. C. Chase, T. W. Meacham, D. Pratt, G. W. Garrett, Syracuse, N. Y. *Officers:* Anson N. Palmer, *Pres.;* Chas. P. Clark, *Vice-Pres.;* Geo. W. Garrett, *Sec. & Treas.;* Henry Thompson, *Supt.*, Syracuse, N. Y. GENERAL OFFICE, Syracuse, N. Y.

Third Avenue RR. Co. Chartered October 8, 1853; road opened October 10, 1853. Gauge, 4 ft. 8½ in.; rail, 60 lbs. Rate of fare, 5 cents. Funded debt consists (January 1, 1890) of $3,500,000 5 per cent. 50-year bonds, due 1937, interest payable January and July. Dividends paid May and November, at company's office. Interest payable at Farmers' Loan & Trust Co., New York City. Annual meeting, Wednesday after second Monday in November. *Directors:* William Remsen, Henry Hart, Lewis Lyon, Robert G. Remsen, John E. Parsons, Edward Lauterbach, M. G. Lane, William M. Prichard, Sylvanus S. Riker, Robert W. Tailer, Solomon Mehrbach, New York, N. Y.; Robert Willetts, Bay Side, L. I. *Officers:* Lewis Lyon, *Pres.;* John Beaver, *Treas.;* Alfred Lazarus, *Sec.;* John H. Robertson, *Supt.*, New York City. GENERAL OFFICE, 1,119 Third Avenue, New York City.

Third Ward (Syracuse) Street Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 35 to 50 lbs. Chartered February 6, 1886; construction commenced May 20, 1888; road fully opened, July 4, 1889. Operated by Thomson-Houston overhead system of electricity. Average rate of fare, 5 cents. Funded debt consists of $89,500 1st mtge. 6 per cent. 20-year bonds, due June, 1906, interest payable June and December. Gross income from all sources, $9,607.71, from which was deducted taxes, $1.82; interest, $3,870—total deductions, $3,871.82, leaving surplus, September 30, 1889, $5,735.89. Annual meeting, second Thursday in October. *Directors:* Walter S. Wales, H. McGonegal, Stephen D. Lake, Geo. S. Wales, Hart C. Leyden, Frank C. Howlett, Albert E. Matthews, Fred. F. Kingsley, Wm. J. Crawford, Syracuse, N. Y. *Officers:* Walter S. Wales, *Pres. & Treas.;* H. McGonegal, *Sec.;* S. D. Lake, *Supt.* GENERAL OFFICE, Syracuse, N. Y.

Troy and Albia Horse RR. Co. Chartered January 31, 1866. Gauge, 4 ft. 8½ in.; rail, 35 to 45 lbs. Rates of fare, 4, 5, 7, 9 and 12 cents. Funded debt consists of $34,000 7 per cent. consolidated mortgage bonds, due January 1, 1897, interest payable January and July. Annual meeting, second Tuesday in January. *Directors:* Thomas A. Knickerbocker, Lewis E. Gurley, Joseph J. Tillinghast, Wm. W. Whitman, Geo. T. Lane, Ebenezer H. Virgill, Wm. H. Young, F. W. Farnam, Theo. E. Hazlehurst, Levi Smith, Cicero Price, Daniel W. Ford, John Knickerbocker, Troy, N. Y. *Officers:* Thos. A. Knickerbocker, *Pres.;* John Knickerbocker, *Sec. & Treas.;* Wm. R. Bean, *Supt.*, Troy, N. Y. GENERAL OFFICE, 86 First St., Troy, N. Y.

Troy and Cohoes RR. Co. Chartered February 11, 1862. Leased to Troy and Lansingburg RR. Co.; rental 7 per cent. on stock. Gauge, 4 ft. 8½ in.; rail, (iron), 45 to 60½ lbs. *Directors:* William Barton, Joseph W. Fuller, M. H. Burton, M.D., John H. Warren, Hoosick Falls, N. Y.; Joseph M. Warren, William Kemp, Joseph B. Carr, Charles Cleminshaw, Otis G. Clark, James A. Eddy, Troy, N. Y.; Augustus A. Peebles, Lansingburg, N. Y. *Officers:* William Barton, *Pres.;* William Kemp, *Vice-Pres.;* Joseph J. Hagen, *Sec. & Treas.*, Troy, N. Y. GENERAL OFFICE, 209 River St., Troy, N. Y.

Troy and Lansingburg RR. Co. Chartered September 6, 1860. Leases the Lansingburg and Cohoes, Troy and Cohoes, and Waterford and Cohoes RRs. (which see). Gauge, 4 ft. 8½ in.; rail, 45 to 60½ lbs. Rates of fare, 5 and 10 cents. Capital stock by charter, $300,000; recently increased to $700,000. Funded debt consists of $50,000 1st mtge. 7 per cent. bonds, due July 1, 1893, interest payable January and July; $103,655 6 per cent. debenture bonds, due February 2, 1895, interest payable February and August; also $142,000 consolidated mortgage 5 per cent. bonds, $50,000 due April 1, 1893, $42,000 due April 1, 1898, and $50,000 due April 1, 1903, interest payable April and October. Gross income from all sources, $80,076.04, from which was deducted taxes, $7,539.10; interest, $16,956.58; rent, Troy and Cohoes RR., $8,500; rent, Lansingburg and Cohoes RR., $1,050; rent, Waterford and Cohoes RR., $1,800—total deductions, $30,845.68; leaving net income, $49,230.36, against which was declared a dividend of 10 per cent. on capital stock, $30,000, leaving surplus for year ending September 30, 1889, $19,230.36. Annual meeting, second Tuesday in January. *Directors:* William Bar-

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ton, William Kemp, Charles Cleminshaw, Josh. B. Carr, E. G. Aiken, Otis G. Clark, H. B. Dauchy, Charles W. Tillinghast, Charles L. Aiden, Edward Murphy, Jr., Troy, N. Y.; David T. Lamb, Waterford, N. Y.; N. R. Powers, John W. Clipperly, Lansingburg, N. Y. *Officers:* Charles Cleminshaw, *Pres.;* Jos. B. Carr, *Vice-Pres.;* Joseph J. Hagen, *Sec. & Treas.;* C. Smith, *Supt.*, Troy, N. Y. GENERAL OFFICE, 209 River St., Troy, N. Y.

Twenty-Eighth and Twenty-Ninth Streets Ry. Co. Chartered April 24, 1884; road built, but not yet in operation. Gauge, 4 ft. 8½ in.; rail, 47 lbs. Funded debt consists of ($500,000 authorized) 1st mtge. 6 per cent. 30-year bonds, due January 1, 1910, interest payable January and July. *Directors:* Jonathan H. Crane, John H. Davis, Patrick Keenan, Edward Selleck, John S. Foster, New York, N. Y.; D. D. Conover, Bay Shore, L. I., N. Y.; D. J. Apgar, Brooklyn, N. Y. *Officers:* Jonathan H. Crane, *Pres.;* De Witt J. Apgar, *Sec.;* Jno. H. Davis, *Treas.* GENERAL OFFICE, 45 William St., New York City.

Twenty-third Street Ry. Co. Chartered January 29, 1872. Leases the Bleecker Street and Fulton Ferry RR. (which see). Gauge, 4 ft. 8½ in.; rail, 54 lbs. Funded debt consists of $250,000 1st mtge. 7 per cent. bonds, due 1893, interest payable May and November; $150,000 debenture 5 per cent. bonds, due January 1906, interest payable January and July; and $17,500 7 per cent. mtge. bonds, past due, interest payable January and July. Rate of fare, 5 cents. Gross income from all sources, $238,001.12; from which was deducted, taxes, $30,953.94; interest on funded debt, $37,110.40; rent of leased lines, $85,295.38; interest on loans, $261.61—total deductions, $153,621.33; leaving net income, $84,379.79, against which was declared a dividend of 10 per cent. on capital stock, $60,000, leaving a surplus for year ending September 30, 1889, $24,379.79. Annual meeting, third Monday in June. *Directors:* Arthur Leary, S. U. Cadwell, G. N. Curtis, S. Mehrbach, T. B. Burnham, Theo. B. Starr, John Bowner, Henry Sanford, New York City; Chas. Phelps, G. H. Prentiss, W. T. Hatch, Elias Lewis, Jr., Brooklyn, N. Y. *Officers:* Henry Sanford, *Pres.;* Geo. N. Curtis, *Vice-Pres.;* Walter T. Hatch, *Treas.;* Thomas H. McLean, *Sec. & Supt.*, New York City. GENERAL OFFICE, 621 West 23d Street, New York City.

Utica Belt Line Street RR. Co. Chartered June 18, 1886. Road completed and opened April 19, 1887. In December, 1886, the Utica Belt Line Street RR. Co. leased, for 99 years, at an annual rental of $15,000, the street surface railroad lines owned and operated by the Utica, Clinton and Binghamton RR. Co. in the city of Utica and villages of New Hartford, Yorkville and Whitesboro'. Operated by the Thomson-Houston system of electricity. Gauge, 4 ft. 8½ in.; rail, 35, 42, 47 and 60 lbs. Rate of fare, 5 cents; funded debt consists of $500,000 1st mtge. 5 per cent. bonds, due July 1, 1889, interest payable May and November, at the New York Security & Trust Co., 46 Wall St., New York City. Gross income from all sources, $35,578.27, from which was deducted taxes, $1,563.11; interest, $8,333.33; rental of leased lines, $15,000—total deductions, $24,896.44; leaving surplus for year ending September 30, 1889, $10,681.83. Annual meeting, second Tuesday in January. *Directors:* Lathrop R. Bacon, I. B. Newcombe, Arthur J. Moulton, Wm. M. Harriman, New York, N. Y.; Joshua Mather, Utica, N. Y.; Jno. W. Boyle, Whitestown, N. Y.; Chas. W. Mather, Utica, N. Y. *Officers:* Lathrop R. Bacon, *Pres.;* Jno. W. Boyle, *Vice-Pres.;* Ed. Bushinger, *Sec.;* Chas. W. Mather, *Treas.;* William E. Haycox, *Supt.*, Utica, N. Y. GENERAL OFFICE, 54 Wall St., New York City.

Utica, Clinton and Binghamton Ry. Co. Chartered March 22, 1868. The Utica City RR. Co. was organized August 13, 1862; road opened to New Hartford, December 5, 1863, and to Whitestown, June 3, 1866. Name changed by Act of Legislature to Utica and Waterville RR. Co., April 13, 1864; to present title, July 5, 1867. The steam road is leased and operated by the Delaware and Hudson Canal Co., and the street road to the Utica Belt Line. See also page 137.

Utica and Mohawk RR. Co. Chartered January 4, 1874. Owing to disputes among property owners, this road was not operated for the years 1883, 1884 and 1885. The present stockholders purchased the whole stock and property of the company, and reopened the road in July, 1886. Gauge, 4 ft. 8½ in.; rail, 25 to 47 lbs. Rate of fare, 5 cents. Funded debt consists of $15,000 1st mtge. 6 per cent. bonds, due August, 1893, interest payable February and August. Annual meeting, third Wednesday in January. Interest and dividends payable at Utica, N. Y. *Directors:* J. F. Mann, W. E. Lewis, J. H. Sheehan, A. D. Barber, J. M. Childs, Geo. D. Dimon, P. C. J. De Angelis, Wm. R. Heath, R. G. Hoerlin, T. R. Proctor, George H. Wiley, M. W. Van Auken, R. W. Sherman, Utica, N. Y. *Officers:* Jas. F. Mann, *Pres.;* Wm. E. Lewis, *Sec.;* Geo. D. Dimon, *Treas.;* Michael Leary, *Supt.*, Utica, N. Y. GENERAL OFFICE, Utica, N. Y.

Van Brunt Street and Erie Basin RR. Co. Chartered February 15, 1861; road opened March 3, 1863. Gauge, 4 ft. 8½ in.; rail, 45 lbs. Average rate of fare, 3 cents. Funded debt consists of $25,000 1st mtge. 6 per cent. bonds, dated April 1, 1882, interest payable April and October. Annual meeting, third Monday in February. Dividends payable April and October, at company's office; interest also payable at company's office. *Directors:* Thos. J. Cunningham, Wyllys Terry, David W. Binns, Michael Murphy, Michael J. Coffey, Joseph F. White, Benj. F. Stebbins, Brooklyn, N. Y. *Officers:* D. W. Binns, *Pres.;* Wyllys Terry, *Sec. & Treas.;* F. A. Morrell, *Supt.* GENERAL OFFICE, 264 Van Brunt St., Brooklyn, N. Y.

Village (Far Rockaway) Ry. Co. Main line, 1 mile; gauge, 4 ft. 8½ in.; rail, 47 lbs. Cars, 4; horses, 10. *Officers:* C. A. Cheever, *Pres.;* J. S. Auerbach, *Sec.;* D. L. Haight, *Treas.;* Andrew McTigue, *Supt.* GENERAL OFFICE, 13 Park Row, New York, N. Y.

Washington Street, Asylum and Park RR. Co. This company comprises the Washington Street and State Asylum RR. Co. and the Park Ave. RR. Co., which were consolidated September 28, 1887. This road is operated by the Sprague overhead system of electric street railway; leased to George W. Stow, and operated by him in connection with the Park Ave. RR., which he also leases. Gauge, 4 ft.; rail, 16 to 40 lbs. Rates of fare, 4 and 5 cents. Funded debt consists of $65,000 1st mtge. 6 per cent. bonds, due October 1, 1906, interest payable April and October. Annual meeting, second Tuesday in December. *Directors:* George Whitney, R. H. Meagley, Charles Schlager, Chas. Stickley, George B. Curtiss, B. H. Nelson, Gustave Stickley, Binghamton, N. Y. *Officers:* Gustave Stickley, *Pres. & Supt.;* Charles Schlager, *Treas.;* Charles Stickley, *Sec.*, Binghamton, N. Y. GENERAL OFFICE, Binghamton, N. Y.

Waterford and Cohoes RR. Co. Chartered February 8, 1883; road opened August 19, 1884, and leased perpetually to the Troy and Lansingburg RR. Co.; rental, $1,750 yearly. *Directors:* Thomas Breslin, Chas. C. Ormsby, J. W. Hines, Jno. Knickerbocker, W. W. Breslin, F. B. Peck, Waterford, N. Y.; William M. White, Utica, N. Y.; Thomas A. Knickerbocker, Troy, N. Y.; George Campbell, Cohoes, N. Y. *Officers:* Thomas Breslin, *Pres.;* Charles C. Ormsby, *Sec. & Treas.*, Waterford, N. Y. GENERAL OFFICE, Waterford, N. Y.

Watervliet Turnpike and Railroad Co. Chartered April 15, 1862; opened July 4, 1883. Gauge, 4 ft. 8½ in.; rail, 35, 50 and 52 lbs. Electric motors, 12. Rates of fare, 5, 8 and 10 cents. Funded debt consists of $350,000 1st mtge. 6 per cent. bonds, due May 1, 1919, interest payable May and November; $50,000 authorized (none issued) 6 per cent. debenture bonds, due September 1, 1894, interest payable March and September. Interest payable as follows: on 1st mtge. bonds, in Boston, Mass.; on debenture bonds, in Albany, N. Y. Operated by the Thomson-Houston system of electricity. Annual meeting, second Tuesday in February. *Directors:* Chas. Newman, James B. Jermain, J. W. Tillinghast, Wm. B. Van Rensselaer, J. Howard King, John J. Acker, A. N. Brady, Ledyard Cogswell, Albany, N. Y.; Thos. A. Knickerbocker, Troy, N. Y. *Officers:* W. B. Van Rensselaer, *Pres.;* John J. Acker, *Vice-Pres.;* Cantine Tremper, *Sec. & Treas.;* W. C. Miller, *Gen. Man.;* Samuel Cowdrey, *Supt.*, Albany, N. Y. GENERAL OFFICE, 1165 Broadway, Albany, N. Y.

West Side (Buffalo) Street Ry. Co. Chartered August 12, 1887. Since July 1, 1889, this company's road has been operated in connection with the Buffalo Street RR. Co. and the Buffalo East Side Street Ry. Co. Main line, 3.76 miles; gauge, 4 ft. 8½ in.; rail, 54 lbs. Rates of fare, 3 and 5 cents. Gross income from all sources, $891.27, from which deduct taxes, $340.35; in-

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terest, $155—total deductions, $495.35, leaving surplus September 30, 1889, $395.92. Annual meeting, first Monday in June. *Directors:* Henry M. Watson, Samuel S. Spaulding, Henry Ganson, Joseph S. Baecher, Edward R. Spaulding, Wm. H. Watson, Edward Edwards, Buffalo, N. Y. *Officers:* Samuel S. Spaulding, *Pres.*; Jos. S. Baecher, *Sec. & Treas.*; Edw. Edwards, *Supt.*, Buffalo, N. Y. GENERAL OFFICE, 348 Main St., Buffalo, N. Y.

Woodlawn and Butternut Street Ry. Co. This company was organized March 15, 1886: obtained its certificate of incorporation May 15, 1886, and bought its franchise at a public sale, authorized by the common council of the city of Syracuse, N. Y., July 24, 1886, agreeing to pay therefor into the city treasury per annum one-third of one per cent. of the gross receipts derived from its operation. The road was built under contract by T. W. Harris & Co., of New York, and commenced operation June 3, 1888; 0.43 mile of the road runs over the tracks of the Central City Ry. Co., for which use an annual rental is paid. Gauge, 4 ft. 8½ in.; rail, 38 to 52 lbs. Rates of fare, 3, 4 and 5 cents. Funded debt consists of $20,000 1st mtge. 6 per cent. bonds, due 1907, interest payable September and March, at Robt. Gere Bank, Syracuse, N. Y. Annual meeting, first Wednesday in January. *Directors:* John S. Kaufman, Peter Kappesser, Fred. Erhard, Louis House, William Dopffel, John Gebhard, Henry Wienheimer, Louis Marshall, John Moore, John Dunn, Jacob Gilcher, George Scheider, Theodore Hippkins, Syracuse, N. Y. *Officers:* John S. Kaufman, *Pres.*; William Dopffel, *Sec.*; Fred. Erhard, *Treas.*; Peter Kappesser, *Supt.*, Syracuse, N. Y. GENERAL OFFICE, Syracuse, N. Y.

Yonkers Ry. Co. Chartered January 7, 1885. The construction of this road was commenced September 20, 1886, and the same is still under contract for construction, only about five and one-half miles of the total named in charter having been completed up to September 30, 1887. The first car for the conveyance of passengers left the depot on the morning of February 14, 1887. The entire road is being built and equipped by contract, the contractor receiving therefor full paid stocks and bonds. The company in return receives the railroad, real estate and buildings, horses, rolling-stock, and everything necessary for the full and thorough equipping of the road. Gauge, 4 ft. 8½ in.; rail, 42, 47 and 48 lbs. Rate of fare, 5 cents. Funded debt, $200,000 1st mtge. 5 per cent. bonds, due 1926, interest payable March and September. Annual meeting, second Monday in January. *Directors:* T. H. Mason, E. Stephenson, John H. Hinton, M. D., J. H. Odell, D. B. Hatch, New York, N. Y.; D. N. Stanton, O. Stahlnecker, J. T. Brennan, D. P. Stanton, Yonkers, N. Y. *Officers:* Edward Stephenson, *Pres.*; D. B. Hatch, *Treas.*, New York, N. Y.; Thos. W. Smith, *Sec.*; D. W. Stephenson, *Supt.*, Yonkers, N. Y. GENERAL OFFICE, Yonkers, N. Y.

STATE OF NORTH CAROLINA.

Asheville Street Ry. Co. Main line, 3.50 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; cars, 2; motors, 4. Sprague system of electricity. *Officers:* W. T. Penlman, *Pres.*; S. W. Battle, *Vice-Pres.*; T. W. Patton, *Sec. & Treas.*; Jno. P. Arthur, *Gen. Man.* GENERAL OFFICE, Asheville, N. C.

Charlotte Street Ry. Co. Main line, 2¼ miles—branches, ½ mile—total operated, 3 miles; gauge, 4 ft. 8½ in.; rail, 16 lbs.; owns 46 horses, 4 mules, 5 cars and 3 other vehicles. Chartered January 26, 1883; opened January 1, 1887. Miles run by cars 98,000; passengers carried, 195,892. Earnings: Passenger, $8,010.07; other sources, $1,732.60—total, $9,742.67. Expenses and taxes, $6,752.63. Net earnings, $2,990.07. Capital stock, $20,000; cost of road and equipment, $21,141.08. *Officers:* E. K. P. Osborne, *Pres. & Acting Treas.*; I. H. Wilson, *Supt.* GENERAL OFFICE, Charlotte, N. C.

Durham Street Ry. Co. Main line, 8 miles; gauge, 4 ft. 8½ in.; rail, 16 lbs.; owns 9 horses and 4 cars. *Officers:* W. T. Blackwell, *Pres.*; R. D. Blackwell, *Vice-Pres.*; Jno. L. Markham, *Treas. & Sec.* GENERAL OFFICE, Durham, N. C.

Raleigh Street Ry. Co. Main line, 5 miles; gauge, 4 ft. 8½ in.; rail, 16 and 35 lbs.; owns 25 horses, 15 mules and 8 cars. Interest on bonds payable at National Bank of Republic, New York, N. Y. Capital stock, $25,000; funded debt, $25,000. Cost of road and equipment, $50,000. *Officers:* V. E. Turner, *Pres.*; F. H. Busbee, *Vice Pres.*; R. T. Gray, *Sec. & Treas.*; W. A. Nixon, *Supt.* GENERAL OFFICE, Raleigh, N. C.

Salem and Winston Electric Ry. Main line, 4 miles; gauge, 7 ft. 8½ in.; rail, 32 lbs. Operated by Sprague sytem of electricity.

Wilmington Street Ry. Co. Main line, 4½ miles; gauge, 4 ft. 8½ in.; rail, 30 to 32 lbs. Chartered in March, 1887; road opened July 17, 1888; owns 42 horses and 11 cars. Capital stock, $50,000; funded debt, $50,000 1st mtge. 6 per cent. $1,000 bonds, dated July 1, 1888, interest payable January and July; $75,000 2d mtge. 6 per cent. $1,000 30-year bonds, dated January 1, 1890, interest payable January and July. *Officers:* John D. Bellamy, Jr., *Pres.*; Chas. W. Stedman, *Vice-Pres.*; F. H. Stedman, *Sec. & Treas.*; Wm. H. Howell, *Supt.* GENERAL OFFICE, Wilmington, N. C.

STATE OF OHIO.

Akron Street Ry. and Herdic Co. Main line, 12 miles; gauge, 4 ft. 8½ in.; rail, 50 lbs. Chartered in July, 1888; road opened November 3, 1888. Owns 28 cars. Capital stock, $200,000; cost of road, $300,000. Sprague overhead system of electricity. *Officers:* J. F. Seberling, *Pres.*; J. S. Casement, *Vice-Pres.*; F. A. Selberling, *Sec. & Treas.*; J. E. Metlin, *Supt.* GENERAL OFFICE, Akron, O.

Alliance Street Ry. Co. Main line, 2 miles; gauge, 4 ft. 8 in.; rail, 42 lbs.; electric cars, 3. Capital stock, $100,000. *Officers:* W. W. Hazard, *Pres. & Treas.*; W. W. Whiiacre, *Sec. & Gen. Man.* GENERAL OFFICE, 89 Euclid Ave., Cleveland, O.

Ashtabula Street RR. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs. Chartered April, 1883; road opened July 3, 1883. Owns 60 horses, 9 cars, and 4 other vehicles. Operations for year ending December 31, 1889.—Number of passengers carried, 200,000. Earnings—passenger, $16,000; mail, $600—total, $16,600. Expenses and taxes, $10,000. Net earnings, $6,600. Cost of road and equipment, $45,000. J. N. Stewart, *Owner*; S. C. Stewart, *Sec.*; H. H. Stewart, *Gen. Supt.* GENERAL OFFICE, 64 Park Street, Ashtabula, O.

Bellaire Street Ry. Co. Main line, 2.5 miles; gauge, 4 ft. 8½ in.; rail, 20 lbs.; cars, 5; horses, 20. *Officers:* U. O. Crane, *Pres.*; C. Beard, *Treas.*; Fred. Rodewig, *Manager.* GENERAL OFFICE, Bellaire, O.

Berea Street RR. Co. Main line, 1.25 miles; gauge, 3 ft. 6 in.; rail, 25 lbs.; owns 3 horses, 2 cars, and 4 other vehicles. Capital stock, $15,000. *Directors:* C. W. D. Miller, T. Churchward, A. H. Pomeroy, F. T. Pomeroy, A. W. Bishop, Berea, O. *Officers:* C. W. D. Miller, *Pres.*; T. Churchward, *Vice-Pres.*; A. H. Pomeroy, *Sec. & Treas.*; A. W. Bishop, *Supt. & P. A.* GENERAL OFFICE, Bank of Berea Building, Berea, O.

Broadway and Newburg RR. Co. Main line, 15 miles; branch, 12 miles—total, 27 miles; gauge, 4 ft. 8½ in.; rail, 43 and 58 lbs.; owns 71 cars. Sprague system of electricity. *Officers:* H. E. Andrews, *Pres.*; E. Fowler, *Sec. & Treas.*; J. J. Stanley, *Supt.* GENERAL OFFICE, cor. Broadway and Ætna St., Cleveland, O.

Canton Street Ry. Co. Main line, 5 miles; gauge, 4 ft.; Sprague system of electricity. Owns 65 horses and 20 cars. Capital stock, $200,000. *Officers:* A. L. Conger, *Pres.*; F. M. Atterhalt, *Vice-Pres.*; F. A. Selberling, *Treas.*; F. A. Wilcox, *Sec.*; W. E. Slabaugh, *Gen. Man.* GENERAL OFFICE, 275 West Tuscarawas St., Canton, O.

Central Passenger RR. Co. Main line, 9 miles; gauge, 3 ft.; rail, 24 to 40 lbs.; owns 80 horses and 17 cars. Consolidated with the Toledo Consolidated Street Ry. Co., which see.

Chillicothe Street RR. Co. Main line, 2 miles; gauge, 3 ft.; rail, 16 lbs.; owns 20 horses and 7 cars. *Officers:* E. P. Safford, *Pres.*; Samuel Epstine, *Vice-Pres.*; A. E. Wemis, *Sec.*; Wm. Poland, *Treas.*; E. H. McMartin, *Supt.* GENERAL OFFICE, Chillicothe, O.

Cincinnati Inclined Plane Ry. Co. Main line, 7.5 miles; gauge, 5 ft. 2½ in.; rail, 52 and 58½ lbs.; owns 7 horses, 20 motor-cars and 30 horse-cars. Sprague system of electricity. *Officers:* H. H. Littell, *Pres.*; J. M. Doherty, *Sec.*; Jos. A. Dunham, *Treas.*; H. M. Littell, *Gen. Man.* GENERAL OFFICE, Mt. Auburn, Cincinnati, O.

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Cincinnati Street Ry. Co. Main line, 100 miles, also 7¼ miles of cable road, and 5 miles of electric railway; gauge, 5 ft. 2½ in.; rail, 42 and 52 lbs.; owns 2,000 horses, 305 cars and 39 other vehicles. *Directors:* A. D. Bullock, Henry Hanna, John Kilgour, Joseph H. Rogers, Matthew Ryan, Lewis Seasongood, Cincinnati, O. *Officers:* John Kilgour, *Pres.;* Jas. A. Collins, *Sec. & Aud.;* Robt. A. Dunlap, *Treas.;* John Harris, *Supt.;* H. C. Fithian, *P. A.;* F. R. Weizenecker, *Mast. Tr. Rep.;* E. I. Robinson, *Mast. Car Rep.* GENERAL OFFICE, Apollo Building, Cincinnati, O.

Citizens' Street RR. Co. Main line, 11.5 miles; gauge, 4 ft.; rail, 36 lbs.; owns 143 horses and 24 cars. *Officers:* T. R. Mitchell, *Pres.;* Asa Bushnell, *Vice-Pres.;* C. A. Harris, *Sec. & Treas.;* D. W. Stroud, *Pur. Agt.;* W. H. Hanford, *Supt.* GENERAL OFFICE, West Main and George Sts., Springfield, O.

Cleveland City Cable Ry. Co. Main line, 32 miles; gauge, 4 ft. 8½ in.; rail, 78 lbs. Cars, 100; horses, 500. *Officers:* Frank De H. Robison, *Pres.;* Geo. H. Holt, *Vice-Pres.;* Jno. J. Shepherd, *Sec.;* M. G. Robison, *Treas.;* G. D. L'Huiller, *Asst. Sec.* GENERAL OFFICE, Case Building, Cleveland, O.; New York Office, 11 Wall St.

Columbus Consolidated Street RR. Co. Main line, 24 miles; gauge, 5 ft. 2 in.; rail, 35 to 58 lbs.; owns 450 horses and 125 cars. Operated by Short system of electricity. *Directors:* A. D. Rodgers, W. B. Hayden, H. T. Chittenden, C. H. Hayden, B. S. Brown, E. T. Mithoff, S. S. Rickly, R. Jones, T. P. Gordon, R. E. Sheldon, E. K. Stewart, Columbus, O. *Officers:* A. D. Rodgers, *Pres.;* H. T. Chittenden, *Vice-Pres.;* E. K. Stewart, *Sec. & Treas.* GENERAL OFFICE, Columbus, O.

Columbus Electric Ry. Co. Main line, 1.5 miles; gauge, 5 ft. 2 in.; rail, 30 lbs.; owns 4 cars. Operated by Short system of electricity. GENERAL OFFICE, Columbus, O.

Columbia and Cincinnati (Dummy) RR. Co. Main line, 3½ miles; gauge, 3 ft. and 5 ft. 2 in.; rail, 35 lbs.; owns 4 dummy engines, 5 cars and 16 horses. *Directors:* C. F. Stiles, C. G. Gove, H. Burkhold, J. Kilgour, C. H. Kilgour, Cincinnati, O. *Officers:* C. H. Kilgour, *Pres.;* John Kilgour, *Vice-Pres.;* A. H. Meier, *Sec.;* C. G. Gove, *Treas.* GENERAL OFFICE, 14 West Third St., Cincinnati, O.

Dayton and Soldiers' Home Electric RR. Co. Main line (double track), 2 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs. Chartered in July, 1889; road opened April 7, 1890. Owns 2 electric motor cars. Sprague system of electricity. *Officers:* D. B. Corwin, *Pres.;* J. C. Pierce, *Sec. & Treas.;* T. E. Howell, *Supt.* GENERAL OFFICE, Dayton, O.

Dayton Street RR. Co. Main line, 7.50 miles of road; gauge, 4 ft. 8½ in.; rail, 44 lbs.; owns 117 horses and mules, and 26 cars. Opened May 1, 1870. Passengers carried in 1889, 1,277,500. Gross earnings (1888), $56,492.90. Capital stock, $300,000. Dividends payable January, April, July and October. *Directors:* W. H. Simms, H. S. Williams, C. B. Clegg, C. J. Fernelding, E. J. Barney, S. Craighead, Geo. W. Rogers, Dayton, O. *Officers:* C. J. Fernelding, *Pres.;* Geo. W. Rogers, *Vice-Pres.;* Wm. H. Sims, *Sec.;* Fourth National Bank, *Treas.;* A. W. Anderson, *Supt.* GENERAL OFFICE, Third St., west of King, Dayton, O.

East Cleveland RR. Co. Main line and branches, 35.35 miles; gauge, 4 ft. 8½ in.; rail, 52 lbs.; owns 250 horses, 184 cars, 10 other vehicles and 60 electric motors. Sprague system of electricity. Chartered September 20, 1859; road opened September 10, 1861. Capital stock, $1,000,000; funded debt, $200,000; unfunded debt, $108,000; income balance, $35,000—total liabilities, $1,643,000. *Directors:* A. Everett, Chas. W. Wason, G. E. Herrick, J. H. Wade, Chas. A. Otis, J. H. Wade, Jr., H. A. Everett, Cleveland, O. *Officers:* A. Everett, *Pres.;* J. H. Wade, *Vice-Pres.;* H. A. Everett, *Sec. & Treas.;* E. Duty, *Supt.* GENERAL OFFICE, 1154 Euclid Ave., Cleveland, O.

Fifth Street RR. Co. Main line, 6 miles; 2d track, 5 miles; gauge, 4 ft. 8½ in.; rail, 43 and 46 lbs.; owns 95 horses and 30 cars. Chartered February 11, 1881; road opened October 24, 1881. Capital stock, $300,000. *Directors:* A. A. Thomas, D. B. Corwin, R. I. Cummin, J. C. Pierce, Dayton, O.; J. D. Ellison, P. E. Roach, L. A. Harris, Wm. L. O'Brien, Cincinnati, O. *Officers:* D. B. Corwin, *Pres.;* J. C. Pierce, *Treas. & Sec.;* T. E. Howell, *Supt.* GENERAL OFFICE, Dayton, O.

Findlay Street RR. Co. Main line, 7 miles; gauge, 4 ft. 8½ in.; rail, 25 lbs.; owns 85 horses and 17 cars. *Officers:* G. B. Kerper, *Pres.;* Chas. D. Kinney, *Sec. & Treas.;* Chas. Smith, *Supt.* GENERAL OFFICE, Findlay, O.

Freemont Street Ry. Co. Main line, 1.50 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs. Cars, 2; horses, 9. *Officers:* F. N. Carter, *Pres.;* T. M. Irvine, *Treas.;* E. J. Carter, *Supt.* GENERAL OFFICE, 307 Coghan St., Freemont, O.

Glenwood and Greenlawn Street Ry. Co. Main line, 4 miles; gauge, 3 ft. 6 in.; rail, 23 lbs. Chartered in March, 1875; opened in September, 1875. Owns 20 horses and 5 cars. Passengers carried in 1889, 208,000. *Directors:* A. D. Rodgers, B. S. Brown, W. B. Hayden, J. R. Hughes, J. M. Briggs, Columbus, O. *Officers:* A. D. Rodgers, *Pres.;* B. S. Brown, *Vice-Pres.;* R. R. Rickly, *Sec. & Treas.;* Jonas Wilcox, *Supt., P. A., etc.* GENERAL OFFICE, 9 South High St., Columbus, O.

Hamilton Street Ry. and Electric Co. Main line, 6 miles; gauge, 3 ft.; rail, 28 lbs. Chartered August 12, 1889. This company purchased all the rights, etc., of the Hamilton St. RR. Co., and obtained a franchise for 25 years to operate an electric road. Capital stock, $100,000. Ellis M. Potter, *Pres.;* Chas. E. Heiser, *Sec.;* Wm. M. Dingfelder, *Treas.* GENERAL OFFICE, Hamilton, O.

Lakeside Street Railway Co. Main line, 3.5 miles; gauge, 4 ft.; rail, 30 lbs.; owns 1 engine and 9 cars. Capital stock, $100,000. Operated only from May to September, being a summer road. A. L. Conger, *Pres.;* F. M. Atterholt, *Vice-Pres.;* F. A. Wilcox, *Sec.;* F. A. Selberling, *Treas.;* W. E. Slabaugh, *Gen. Man.* GENERAL OFFICE, 275 West Tuscarawas St., Canton, O.

Lake View and East Cleveland Street Ry. Co. Main line, 2.68 miles; gauge, 4 ft. 8½ in.; rail, 50 lbs. Cars, 5; motors, 3. Sprague system of electricity. *Officers:* A. Everett, *Pres.;* J. F. Herrick, *Vice-Pres.;* H. A. Everett, *Sec. & Treas.;* E. Doty, *Supt.* GENERAL OFFICE, Cleveland, O.

Lima Street Ry. Motor and Power Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; owns 3 electric motors and 7 cars. Van Depoele system of electricity. Capital stock, $50,000. B. C. Faurot, *Pres.;* F. L. Langan, *Sec.;* S. W. Moon, *Treas.;* James Howard, *Supt.* GENERAL OFFICE, Lima, O.

Main Street and West Side Street Ry. Co. Main line, 2 miles; gauge, 3 ft. 6 in.; rail, 25 lbs.; owns 23 horses and 5 cars. *Directors:* F. M. Townsend, W. C. Townsend, Rufus C. Burton, H. C. Werner, O. N. Townsend. *Officers:* F. M. Townsend, *Pres.;* R. C. Burton, *Treas.;* W. C. Townsend, *Sec.* GENERAL OFFICE, 187 Main St., Zanesville, O.

Mansfield Electric Street Ry. Co. Main line, 4.5 miles; gauge, 4 ft. 8½ in.; rail, 43 lbs.; owns 10 electric motors. Capital stock, $75,000. M. Van Rensselaer, *Pres.;* Jno. T. Sill, *Treas.;* Watson Whitlesey, *Sec.;* W. G. Root, *Supt.* GENERAL OFFICE, Mansfield, O.

Metropolitan Street RR. Co. Main line, 10.5 miles; gauge, 3 ft.; rail, 45 lbs.; owns 125 horses and 25 cars. Chartered November, 1885. Passengers carried during 1888, 1,500,000. Capital stock, $250,000. Consolidated with the Toledo Consolidated Street Ry. Co., which see.

Middletown and Madison Street RR. Co. Main line, 2 miles; gauge, 4 ft. 8½ in.; rail, 43 lbs.; owns 8 horses and 4 cars. *Directors:* C. F. Gunckel, E. W. Gunckel, L. Gunckel, R. D. Marshall, F. H. Short, Middletown, O. *Officers:* C. F. Gunckel, *Pres.;* E. W. Gunckel, *Sec. & Treas.;* D. L. Sutphin, *Supt.* GENERAL OFFICE, Middletown, O.

Mt. Adams and Eden Park Inclined RR. Co. Main line (cable, 8; horse, 8), 16 miles; gauge, 5 ft. 2½ in.; rail, 42 lbs.; owns 140 horses and 130 cars. Chartered in 1873. *Operations* for year ending September 30, 1888.—Earnings, $221,068.58; expenses, $130,475.76—net earnings, $90,592.82. *Financial Statement*, September 30, 1888.—Common stock, $1,000,000; preferred stock, $7,150; 1st mtge. bonds, $250,000; 2d mtge. bonds, $124,000; consolidated mtge. 5 per cent. 20-year bonds, due March, 1906, $372,000; loan account, $170,000; bills payable, $36,000; accounts payable, $4,269.71; profit and loss, $36,634.43—total, $2,000,054.14. *Contra;* Construction, etc., $860,427.15; real estate,

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$320,065.57; equipment, $96,628.94; other investments, $624,513.48; sinking fund, $23,450; City of Cincinnati, $10,403.67; discount on consolidated bonds, $28,000; cash and other assets, $36,565.33—total, $2,000,054.14. *Directors;* Jas. E. Mooney, S. M. Lemont, Geo. E. Bell, Jno. Kilgour, Joseph Rogers, Jas. R. Murdock, Geo. B. Kerper, Cincinnati, O. *Officers:* Jno. Kilgour, *Pres.;* Jas. A. Collins, *Sec. & Treas.;* Jno. C. Weaver, *Supt.* GENERAL OFFICE, Cincinnati, O.

Mt. Auburn Cable Ry. Co. Main line, 8¼ miles; gauge, 5 ft. 2 in.; rail, 56 lbs.; owns 45 cars and 2 cable engines. Earnings—passenger, $99,362.97; other sources, $266.56—total, $99,529.63. Expenses and taxes, $68,017.42. Net earnings, $31,512.21. Paid interest on bonds, $17,000. Capital stock, $300,000; funded debt, $200,000 5 per cent. 20-year bonds, dated December 1, 1886, interest payable June and December; $100,000 7 per cent. from 5 to 20-year bonds, interest payable April and October. Cost of road and equipment, $600,000. Henry Martin, *Pres.;* W. F. Irwin, *Sec.;* Jos. D. Davies, *Supt.* GENERAL OFFICE, Highland Ave. and Saunders, St., Cincinnati, O.

Newark and Granville Electric Street Ry. Co. Main line, 1.75 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; 1 car. Operated by Sprague system of electricity. Road opened December 28, 1889. *Operations* from December 28, 1889, to March 28, 1890.—Passengers carried, 28,627. Earnings (passenger), $1,431.35; expenses, $980.05; net earnings, $451.30. *Financial Statement.*—Capital stock, $100,000; funded debt, $4,000; unfunded debt, $800—total, $104,800. *Contra:* Cost of road, $23,000. R. Scheidler, *Pres.;* J. A. Florey, *Sec. & Supt.;* F. A. Crane, *Treas.* GENERAL OFFICE, Newark, O.

Newark City Ry. Co. Main line, 7 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; owns 70 horses and 12 cars. Capital stock, $100,000; funded debt, $50,000. John W. Lanehart, *Pres.;* C. J. Ford, *Sec. & Treas.;* C. A. Lark, *Supt.* GENERAL OFFICE, 115 Monroe Street, Chicago, Ill.

Oakwood Street Ry. Co. Main line, 12 miles; gauge, 4 ft. 8½ in.; rail, 38 lbs.; owns 75 horses and 18 cars. *Directors:* C. B. Clegg, E. M. Wood, A. L. Stout, Dayton, O. *Officers:* C. B. Clegg, *Pres., Supt. & Pur. Agt.;* A. L. Stout, *Vice-Pres.;* L. Lorenz, *Sec.;* Wm. Jones, *Mast. Tr. & Car. Rep.* GENERAL OFFICE, Dayton, O.

Painesville and Fairport Street Ry. Co. Main line, 5 miles; gauge, 4 ft. 8 in.; rail, 30 lbs.; owns 3 cars. Road not yet built. GENERAL OFFICE, Painesville, O.

Piqua Street Ry. Co. Main line, 4.5 miles; gauge, 4 ft. 8½ in.; rail, 35 and 45 lbs. Chartered August 1, 1889; road opened January 15, 1890. Operated by Sprague system of electricity; owns 6 cars. Capital stock, $75,000; cost of road and equipment, $65,000. A. M. Orr, *Pres.;* D. Spencer, *Vice-Pres.;* F. C. Davies, *Sec. & Supt.;* L. M. Flesh, *Treas.* GENERAL OFFICE, Piqua, O.

Portsmouth Street RR. Co. Main line, 3.75 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; owns 12 horses and 8 cars. *Directors:* James Skelton, Portsmouth, O.; H. B. Wilson, Ironton, O.; Geo. F. Mellen, P. Egan, New York, N.Y.; Geo. B. Chase, Warsaw, N.Y. *Officers:* Jas. Skelton, *Pres.;* Geo. B. Chase, *Sec., Treas. & Supt.* GENERAL OFFICE, Portsmouth, O.

St. Clair Street Ry. Co. Main line, 10 miles; gauge, 4 ft. 8½ in.; rail, 42 lbs.; owns 160 horses and 38 cars. Chas. Hathaway, *Pres.;* S. S. Lyon, *Vice-Pres.;* Chas. Hathaway, Jr., *Treas. & Gen. Mgr.;* Alfred G. Hathaway, *Sec.* GENERAL OFFICE, 815 St. Clair St., Cleveland, O.

Sandusky Street Ry. Co. Main line, 3.25 miles; gauge, 4 ft. 8½ in.; rail, 27 to 32 lbs.; owns 27 horses and 7 cars; road to be operated by electricity. Chartered Aug. 31, 1881; opened Aug. 1, 1883. Capital stock paid up, $65,000. *Directors:* M. E. Moss, Clark Rude, H. O. Moss, Jay O. Moss, Augustus C. Moss, Sandusky, O. *Officers:* Jay O. Moss, *Pres.;* A. C. Moss, *Sec. & Treas.;* Clark Rude, *Supt.* GENERAL OFFICE, Sandusky, O.

South Side and Brooklyn Street RR. Co. Main line, 16 miles; branches, 4—total, 20 miles; gauge, 4 ft. 8½ in.; rail, 52 and 78 lbs.; owns 300 horses, 130 cars, 42 electric motors, and 10 other vehicles. Chartered in December, 1870; road opened in August, 1871. Capital stock, $310,000. *Directors:* T. L. Johnson, A. L. Johnson, Jno. F. Whitelaw, W. B. Hale, L. A. Russell, H. J. Davies, Cleveland, O.; A. L. Du Pont, Brooklyn, N.Y. *Officers:* T. L. Johnson, *Pres.;* A. L. Johnson, *Vice-Pres. & Gen. Supt.;* H. J. Davies, *Sec. & Treas.;* S. Harris, *Eng.* GENERAL OFFICE, 1301 Pearl St., Cleveland, O.

South Side Street RR. Co. Main line 4.5 miles; gauge, 4 ft. 8½ in.; rail, 78 lbs.; owns 10 horses and 20 cars. *Directors:* A. L. Johnson, T. L. Johnson, H. J. Davis, Jno. F. Whitelaw, W. B. Hale, Cleveland, O. *Officers:* A. L. Johnson, *Pres.;* T. L. Johnson, *Vice-Pres.;* H. J. Davis, *Sec. & Treas.;* J. J. Coleman, *Supt* GENERAL OFFICE, Cleveland, O.

Steubenville Electric Ry. Co. Main line, 3.50 miles; gauge, 4 ft. 8½ in.; rail, 43 lbs.; cars, 10. Sprague system of electricity. Capital stock, $70,000. R. S. Newcombe, *Pres.;* Thornton N. Motley, *Sec. & Treas.;* H. G. Davids, *Supt.* GENERAL OFFICE, Steubenville, O.

Superior Street RR. Co. Main line, 15 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs.; owns 270 horses and 55 cars. Frank de H. Robison, *Pres.;* John Koch, *Vice-Pres.;* J. H. Robison, *Sec.;* M. S. Robison, Jr., *Treas. & Supt.* GENERAL OFFICE, cor. Superior St. & Gidding Ave., Cleveland, O.

The Ironton and St. Petersburg Street Ry. Co. Main line, 5.50 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; cars, 10; horses, 34. Capital stock, $100,000. C. H. Harman, *Pres.;* W. A. Enochs, *Vice-Pres.;* Wm. M. Kerr, *Sec. & Treas.;* B. Flannagan, *Supt.* GENERAL OFFICE, Ironton, O.

The Price Hill Inclined Plane Ry. Co. Main line, .66 mile; gauge, 5 ft. 6 in.; rail, 60 lbs.; owns 5 engines and 4 cars. M. W. Oliver, *Pres.;* Geo. T. McDuffe, *Sec. & Treas.;* Rees E. McDuffe, *Supt. & Chief Engineer.* GENERAL OFFICE, Price Hill, Cincinnati, O.

The White Line Street Ry. Co. Main line, 9 miles; gauge, 4 ft. 8½ in.; rail, 52 lbs.; owns 12 grip cars. Operated by the Van Depoele system of electricity. Capital stock, $200,000. J. A. McMahon, *Pres.;* A. G. Clark, *Vice-Pres.;* J. E. Lowes, *Sec.;* M. E. Nipgen, *Treas.;* J. A. Watson, *Supt.* GENERAL OFFICE, Cincinnati, O.

Tiffin Street Ry. Co. Main line, 3 miles; gauge, 4 ft. 4½ in.; rail, 36 lbs. Chartered March 23, 1887; opened July 4, 1888. Operated for this company, they to receive 25 per cent. of gross receipts, and pay taxes and cost of keeping road-bed in repair. D. A. Lindley, *Pres.;* T. B. Williams, *Sec. & Treas.;* J. P. Myers, *Supt.* GENERAL OFFICE, Tiffin, O.

The Toledo Consolidated Street Ry. Co. Main line, 41 miles; gauge, 4 ft. 8½ in.; rail, 42 lbs. Chartered November 9, 1885. On July 1, 1889, this company was consolidated with the Metropolitan Street Ry. Co. and the Central Street Ry. Co., the consolidated company retaining the old name. Owns 520 horses and 85 cars. Earnings for last six months of 1889—passenger, $146,159.75; other sources, $833.04—total, $146,992.79. Expenses and taxes, $85,237.19. Net earnings, $61,755.60. Charges against net earnings: Interest on bonds, $36,734.45; sinking fund charges, $25,021.15. Capital stock, $1,500,000; funded debt, 5 per cent. 30-year bonds, due July 1, 1909, interest payable January and July, $1,500,000. Of this amount $414,000 are reserved to retire an equal amount of bonds of the old companies. *Directors:* Norman B. Ream, Wm. E. Hale, Chicago, Ill.; Albion E. Lang, Chas. L. Wight, Toledo, O.; Jno. J. Shipherd, Cleveland, O. *Officers:* Norman B. Ream, *Pres.;* Wm. E. Hale, *Treas.;* Chas. L. Wight, *Sec.;* Albion E. Lang, *Gen. Man.* GENERAL OFFICE, 52 Summit St., Toledo, O.

Wayne and Fifth Street Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 38 lbs.; owns 50 horses and 12 cars. Chartered August 3, 1871; road opened June 13, 1872. Capital stock, $100,000; unfunded debt, $20,000. Interest payable at City National Bank, Dayton, O. *Directors:* George W. Shaw, Ezra Blmm, John Harris, Jas. J. Bradford, Eugene Wulchet, Dayton, O. *Officers:* George W. Shaw, *Pres.;* Ezra Blmm, *Vice-Pres.;* Eugene Wulchet, *Sec. & Treas.;* Nelson Routzahn, *Supt.* GENERAL OFFICE, 29 Wayne Ave., Dayton, O.

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Woodland Ave. and West Side RR. Co. Main line, 45 miles; gauge, 4 ft. 8½ in.; rail, 42 and 78 lbs.; owns 735 horses and 143 cars. M. A. Hanna, *Pres.;* C. F. Emery, *Vice-Pres.;* J. B. Hanna, *Sec. & P. A.;* G. G. Mulhern, *Supt.* GENERAL OFFICE, cor. Pearl and Detroit Sts., Cleveland, O.

Youngstown Street RR. Co. Main line, 2.5 miles; gauge, 3 ft.; rail, 23 lbs. Sprague system of electricity. Owns 18 horses, 6 cars and 4 other vehicles. Capital stock, $60,000. James Parmelee, *Pres.;* Wm. Cornelius, *Vice-Pres. & Treas.;* H. K. Taylor, *Sec.;* Joseph O'Neil, *Supt.* GENERAL OFFICE, Youngstown, O.

Zanesville and McIntyre Street Ry. Co. Main line, 3 miles; gauge, 3 ft. 6 in.; rail, 38 lbs.; owns 46 horses and mules, 17 cars and 3 other vehicles. *Directors:* F. M. Townsend, W. C. Townsend, O. N. Townsend. *Officers:* F. M. Townsend, *Pres., P. A., etc.;* W. C. Townsend, *Sec.;* O. N. Townsend, *Treas.;* J. Coltrap, *Supt. & Mast. Car Rep.* GENERAL OFFICE, 187 Main St., Zanesville, O.

STATE OF OREGON.

Albany Street Ry. Co. Main line, 1 mile; gauge, 3 ft. 6 in.; rail, 25 lbs.; cars, 2; horses, 4. L. Flinn, *Pres.;* C. G. Burkhart, *Sec.* GENERAL OFFICE, Albany, Ore.

Capital City Ry. Co. Main line, 2 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs. Sprague system of electricity. Capital stock, $50,000. GENERAL OFFICE, Salem, Ore.

City and West Portland Park Motor Co. Main line, 6 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs. Chartered April 4, 1889; road expected to be in operation September 1, 1890. Cars, 4; dummy engines, 2. Capital stock, $100,000; funded debt, authorized, $100,000 1st mortgage 6 per cent. 20-year bonds. *Officers:* E. T. Howes, *Pres.;* W. Hosea Wood, *Sec.;* T. A. Wood, *Treas. & Supt.* GENERAL OFFICE, Oddfellows' Building, Portland, Ore.

Metropolitan Ry. Co. Projected line, 20 miles; completed, 4 miles; gauge, 4 ft. 8½ in.; rail, 80 lbs.; motor cars, 7. Sprague system of electricity. Capital stock, $400,000. Geo. A. Steele, *Pres. & Gen. Man.;* Jno. H. Burgard, *Sec.;* James Steel, *Treas.;* Alfred T. Sears, *Eng. & Gen. Supt.* GENERAL OFFICE, Portland, Ore.

Mt. Tabor Street Ry. Co. Main line, 6 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; cars, 3; steam motors, 3. Geo. W. Brown, *Pres. & Gen. Man.* GENERAL OFFICE, Portland, Ore.

Multnomah Street (Cable) Ry. Co. Main line, 4.6 miles; gauge, 3 ft. 6 in.; rail, 30 lbs. Operated by Sprague system of electricity. Owns 105 horses, 21 cars, 10 electric motors, and 1 other vehicle. *Operations* for year ending December 31, 1889—Passengers carried, 1,266,897. Earnings, $59,389. Expenses and taxes, $41,443; net earnings, $17,946. Capital stock, $100,000; surplus account, $48,669—total, $148,669. Cost of road, $92,000. Geo. B. Markle, *Pres.;* D. F. Sherman, *Sec. & Treas.;* J. E. Thielsen, *Gen. Supt.* GENERAL OFFICE, 94 First St., Portland, Ore.

Portland Cable Ry. Co. Main line, 3 miles; gauge, 3 ft. 6 in.; rail, 20 and 30 lbs.; owns 14 cars. Capital stock, $300,000; funded debt authorized, $400,000 1st mtge. 6 per cent. 20-year bonds, due January 17, 1919; none issued. Cost of road and equipment, $500,000; real estate and other investments, $200,000. *Directors:* Preston C. Smith, Kennath Mackay, Samuel Heitahn, Ira B. Sturges, Eugene D. White, Chas. H. Woodard, A. W. Oliver, R. H. Thompson, Miss Ella Talbot. *Officers:* P. C. Smith, *Pres.;* Kennath Mackay, *1st Vice-Pres.;* Sam'l Heitahn, *2d Vice-Pres.;* Ira B. Sturges, *Sec.;* L. L. Hawkins, *Treas.;* Geo. W. Lynch, *Gen. Man.* GENERAL OFFICE, Portland, Ore.

Portland Street RR. Co. Main line, 2 miles; gauge, 3 ft. 6 in.; rail, 42 lbs.; owns 50 horses and 10 cars. J. Halladay, *Pres.;* H. S. Holmes, *Sec.* GENERAL OFFICE, 104 Fourth St., Portland, Ore.

Transcontinental Street Ry. Co. Main line, 14 miles; gauge, 3 ft. 6 in.; rail, 38 lbs.; owns 180 horses and 36 cars. Capital stock, $150,000. Cost of road, $175,000. *Directors:* Henry Failing, L. Brook, D. W. Wakefield, J. E. Smith, Tyler Woodward, Portland, Ore. *Officers:* Tyler Woodward, *Pres., Treas., Pur. Agt. & Supt.;* D. W. Wakefield, *Sec.* GENERAL OFFICE, 145 G St., Portland, Ore.

Willamette Bridge Ry. Co. Main line, 18 miles; gauge, 3 ft. 6 in.; rail, 38 lbs. Opened March 1, 1888. Owns 22 cars, 5 electric cars, 40 horses and 4 motors. Sprague system of electricity. H. C. Campbell, *Pres.;* C. F. Swigert, *Sec. & Treas.;* J. W. Campbell, *Supt.* GENERAL OFFICE, Portland, Ore.

STATE OF PENNSYLVANIA.

Allentown Ry. Co. *Directors:* Orson Adams, Dallas Flanagan, W. J. Cassady, New York, N. Y.; Robt. E. Wright, Russell H. Thayer, Allentown, Pa. *Officers:* Dallas Flanagan, *Pres.;* C. H. Harmon, *Acting Vice-Pres.;* W. J. Cassady, *Sec.;* D. D. Mallony, Jr., *Treas.,* New York, N. Y.; J. A. Bonnell, *Gen. Supt.,* Allentown, Pa. GENERAL OFFICE, Allentown, Pa.

Beaver Valley Ry. Co. Funded debt consists of 6 per cent. bonds, due June 1, 1905, interest payable June and December. *Directors:* H. C. Patterson, M. L. Knight, John Reeves, J. M. May, Geo. W. Coates, H. W. Reeves, Beaver Falls, Pa.; Henry Hice, Beaver, Pa. *Officers:* H. C. Patterson, *Pres.;* J. F. Merriman, *Sec. & Treas.,* Beaver Falls, Pa.; Hamilton Witherspoon, *Gen. Supt.,* Beaver, Pa. GENERAL OFFICE, Beaver, Pa.

Braddock and Turtle Creek Street Ry. Co. *Directors:* A. Dempster, T. S. Bigelow, B. L. Wood, M. F. Scarfe, Arthur Kennedy, Pittsburgh, Pa. *Officers:* A. Dempster, *Pres.;* Arthur Kennedy, *Sec.;* A. W. Mellen, *Treas.,* Pittsburgh, Pa. Road not yet constructed.

Bradford and Kendall Ry. Co.—*Directors:* James Broder, Bradford, Pa.; T. L. Higgins, Fredonia, N. Y.; Enos Parsons, N. B. Parsons, G. H. Moon, Bradford, Pa. *Officers:* James Broder, *Pres.;* G. H. Moon, *Sec.;* Enos Parsons, *Treas. & Gen. Man.,* Bradford, Pa. GENERAL OFFICE, Bradford, Pa.

Central Passenger Ry. Co. Funded debt consists of $15,000 1st mtge. 6 per cent. bonds, due 1889, interest February and August; $4,000 2d mtge. 5 per cent. bonds, due 1904, interest May and November. *Directors:* George I. Whitney, L. H. Williams, Robt. K. Wilson, F. L. Stephenson, R. G. Herron, Jesse H. Lippincott, James H. Reed, Pittsburgh, Pa. *Officers:* George I. Whitney, *Pres.;* F. L. Stephenson, *Sec. & Treas.;* R. G. Herron, *Gen. Supt.,* Pittsburgh, Pa.

Chester Street Ry. Co. Chartered July, 1882; commenced operations February 1, 1883. Dividends payable January and July at office of company. *Directors:* J. Lewis Crozer, E. Mitchell Cornell, Wm. S. Blakeley, Samuel A. Dyer, Thomas J. Houston, Geo. B. Lindsay, Hugh Shaw, Albert A. Root, Richard Miller, Chester, Pa. *Officers:* E. Mitchell Cornell, *Pres.;* Hugh Shaw, *Vice-Pres.;* Albert A. Root, *Sec. & Man.;* Samuel H. Seeds, *Treas.,* Chester, Pa.

Citizens' (Norristown, Pa.) Ry. Co. Chartered in April, 1887; road opened August 20, 1887. Average rate of fare, 4.75 cents. *Directors:* C. B. Rickel, Wm. H. Bodey, John Slingluff, Joseph Fornance, Henry C. Wentz, John J. Derr, David Y. Mowday, Patrick Curran, Isaac Landis, Wm. Stahler, William F. Slingluff, Thos. J. Baker, Norristown, Pa. *Officers:* Geo. D. Bolton, *Pres.;* Geo. R. Kite, *Sec.;* Geo. Shannon, *Treas.;* Chas. Naylor, *Gen. Supt.,* Norristown, Pa. GENERAL OFFICE, Norristown, Pa.

Citizens' (Philadelphia) Ry. Co. Chartered March 25, 1858; commenced operations, July 29, 1858. Cars run in 1889, 1,192,766 miles. Average rate of fare, 5 cents. Dividends paid quarterly, at company's office. *Directors:* John H. Sloan, Frank H. Ellis, Thos. S. Manning, Chas. T. Colladay, Richard M. Hartley, Philadelphia, Pa. *Officers:* Charles E. Ellis, *Pres.;* John Q. Adams, *Sec. & Treas.;* A. B. Scarborough, *Gen. Supt.,* Philadelphia, Pa. GENERAL OFFICE, N. W. cor. 12th and Susquehanna Ave., Philadelphia, Pa.

Citizens' Traction (Pittsburgh, Pa.) Co. Changed from motive power to cable road during 1888. Funded debt consists of 1st mtge. 5 per cent. 40-year bonds, due October 1, 1927, interest payable April and October. *Directors:* Jno. G. Holmes, Murray A. Verner, H. S. A. Stewart, James Verner, Joshua Rhodes, Wilson McCandless, Jas. J. Donnell, Pitts-

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CITY AND SUBURBAN TRAMWAYS—STATE OF PENNSYLVANIA.

Name of Road.	Railroad. Total Line.	Railroad. Total Track	Hor's etc.	Pass'r Cars.	Liabilities. Capital Stock.	Liabilities. Funded Debt.	Liabilities. Other Debt.	Liabilities. Total.	Assets. Cost of Road and Equipment.	Passengers Carried.	Gross Earnings.	Operating Expenses.	Net Income.	Payments from Available Revenue. Interest.	Payments from Available Revenue. Dividends.	Per cent. of Div.
	M.	M.	No.	No.	$	$	$	$	$	No.	$	$	$	$	$	
*Allentown	3.44	3.44	25	6	45,260	.....	.....	45,260	48,284	159,289	9,930	7,010	2,920	‡	‡	....
*Beaver Valley	3.10	3.10	48	4	30,000	11,500	5,750	47,250	51,357	213,818	11,128	9,785	1,343	‡	‡	....
*Braddock	.....	.....	.....	.....	3,000	.....	.....	.....	.....	.....	.....	.....	.....	‡	‡	....
*Bradford and Kendall	1.53	1.53	4	2	12,100	.....	.....	12,100	18,534	‡	1,882	1,265	617	‡	‡	....
*Central (Pittsburgh)	3.00	5.12	98	18	100,000	20,000	.....	120,000	141,897	‡	‡	‡	‡	‡	‡	....
*Chester	7.25	7.25	80	18	100,000	.....	.....	100,000	87,764	421,884	21,031	17,228	13,803	‡	‡	....
Citizens' (Norristown)	3.00	3.20	42	10	49,520	.....	5,289	54,809	44,081	246,000	12,122	13,100	d. 978	‡	‡	....
Citizens' (Philadelphia)	10.50	10.50	398	72	500,000	.....	.....	500,000	225,371	7,670,317	354,203	212,956	141,247	‡	140,000	....
*Citizens' Traction (Pittsburgh)	12.00	25.00	675	196	2,500,000	1,025,000	340,000	3,865,000	1,571,616	4,582,520	234,193	128,274	105,919	‡	‡	....
*Citizens' (Pittsburgh)	9.00	27.00	559	112	200,000	50,000	.....	250,000	268,119	‡	‡	‡	‡	‡	‡	....
*City (Altoona)	2.80	3.50	40	18	68,000	.....	.....	68,000	68,000	173,670	8,236	6,327	1,909	‡	‡	....
*Coalville	2.50	2.50	16	3	62,775	12,000	1,441	76,216	51,922	85,254	6,355	4,041	2,314	‡	‡	....
*Continental	10.50	10.50	.....	.....	580,000	350,000	.....	930,000	930,000	‡	‡	‡	‡	‡	‡	....
*East End (Lancaster)	1.38	1.38	10	4	15,000	.....	.....	15,000	16,991	47,750	2,020	2,542	d. 522	‡	‡	....
*East Harrisburg	4.68	4.68	Elect.	14	100,000	.....	.....	100,000	82,440	377,515	19,045	13,321	5,724	‡	‡	....
East Reading	1.42	1.42	Elect.	4	32,000	.....	.....	32,000	31,540	166,306	8,214	5,600	2,614	.....	1,680	....
Easton, South Easton and West End	6.00	6.00	50	15	120,000	.....	7,596	127,596	149,928	295,546	14,736	13,154	1,582	.....	‡	....
*Empire	9.00	9.00	.....	.....	600,000	200,000	.....	800,000	800,000	‡	‡	‡	‡	‡	‡	....
Erie Electric Motor	13.50	13.50	3	51	400,000	225,000	.....	625,000	‡	1,173,260	53,830	116,766	d. 63,436	13,500	‡	....
*Federal Street and Pleasant Valley	2.60	5.10	166	24	100,000	75,000	5,112	180,112	140,000	1,132,198	52,490	31,558	20,932	‡	‡	....
*Fort Pitt Inclined Plane	0.06	0.06	.....	2	60,000	30,000	30,000	120,000	96,611	272,143	9,062	4,816	4,246	‡	‡	....
Frankford and Southwark	18.10	18.10	710	98	1,000,000	100,000	.....	1,100,000	1,033,787	6,855,343	688,078	429,859	258,219	‡	‡	....
Germantown	.....	.....	.....	.....	572,860	227,500	.....	800,360	800,360	‡	‡	‡	‡	‡	‡	....
Green and Coates Street	.....	.....	.....	.....	150,000	100,000	.....	250,000	258,181	‡	‡	‡	‡	‡	‡	....
*Harrisburg City	5.06	5.25	75	26	100,000	.....	8,500	108,500	147,956	403,909	20,528	13,907	6,621	‡	‡	....
*Hestenville, Mantua and Fairmount	20.00	20.00	489	95	299,381	499,500	26,304	825,185	549,402	3,091,712	157,455	121,765	35,690	‡	‡	....
*Johnstown	7.25	7.25	76	15	100,000	.....	.....	100,000	100,000	‡	‡	‡	‡	‡	‡	....
*Lancaster City	3.56	3.56	19	14	48,800	.....	14,000	62,800	47,092	86,788	7,519	7,387	132	‡	‡	....
*Lancaster and Millersville	5.50	11.00	14	5	40,000	.....	.....	40,000	44,450	25,682	5,141	2,669	2,472	‡	‡	....
*Lebanon Electric	.....	.....	.....	.....	1,000	.....	.....	1,000	‡	‡	‡	‡	‡	‡	‡	....
Lehigh Avenue	3.00	6.00	.....	6	200,000	.....	50,000	250,000	150,000	.....	.....	.....	.....	‡	‡	....
*Lombard and South Streets	17.76	19.09	351	58	299,865	174,410	41,863	516,138	678,820	4,436,448	176,899	105,691	71,208	‡	‡	....
*Manayunk & Roxboro Incl. Plane	5.42	5.42	36	8	58,475	.....	2,000	60,475	59,053	147,746	8,603	6,789	1,814	‡	‡	....
*Monongahela Inclined Plane	0.12	0.12	.....	4	140,000	100,000	.....	240,000	250,000	541,302	23,573	6,827	16,746	‡	‡	....
*Mount Oliver Inclined Plane	1.70	1.70	18	6	38,000	44,500	6,500	89,000	119,388	614,534	23,835	7,408	16,427	‡	‡	....
*Norristown	4.00	4.33	36	8	44,385	.....	1,900	46,285	39,807	77,192	3,919	4,176	d. 257	‡	‡	....
*North Philadelphia	.....	.....	.....	.....	300,000	.....	.....	300,000	300,000	‡	‡	‡	‡	‡	‡	....
*Nunnery Hill Inclined Plane	‡	‡	‡	‡	60,000	30,000	.....	90,000	90,336	43,072	‡	‡	‡	‡	‡	....

* Six months ending June 30, 1889.

‡ Not reported.

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burgh, Pa. *Officers;* Jno. G. Holmes, *Pres.;* H. S. A. Stewart, *Vice-Pres.;* Chas. M. Gormley, *Sec.;* Nathaniel Holmes, *Treas.;* Murray A. Verner, *Gen. Supt.*, Pittsburgh, Pa.

Citizens' (Pittsburgh) Passenger Ry. Co. Funded debt consists of 1st mtge. 5 per cent. bonds, due July 1, 1900, interest semi-annually. Leased to the Citizens' Traction Co. of Pittsburgh, Pa. *Directors:* Jos. S. Brown, Pittsburgh, Pa.; Jas. Verner, Pittsburgh, Pa.; Jas. J. Donnell, Pittsburgh, Pa.; Joshua Rhodes, Pittsburgh, Pa.; Wilson McCandless, Pittsburgh, Pa. *Officers:* Jos. S. Brown, *Pres.*, Pittsburgh, Pa.; Jas. J. Donnell, *Sec. & Treas.*, Pittsburgh, Pa.; M. A. Verner, *Gen. Supt.*, Pittsburgh, Pa.

City (Altoona) Passenger Ry. Co. Chartered March 10, 1882; road opened July 4, 1882. Dividends payable at Second National Bank, Altoona, Pa., January and July. *Directors;* John P. Levan, Wm. Murray, C. A. Wood, David Koch, A. J. Anderson, C. B. Dudley, Max Liveright, Altoona, Pa.; James Lowther, Bellwood, Pa.; H. S. Frank, Philadelphia, Pa. *Officers:* John P. Levan, *Pres.;* L. B. Relfsneider, *Sec. & Treas.;* John J. Buck, *Supt.*, Altoona, Pa.

Coalville Passenger Ry. Co. Chartered March 24, 1868; road opened December 6, 1869. Funded debt consists of 1st mtge. 6 per cent. bonds, dated April 22, 1875, due April 22, 1886, interest April and October, at Wilkesbarre, Pa. *Directors:* Hon. C. A. Miner, E. Troxell, Geo. W. Kirkendall, John G. Wood, Isaac M. Thomas, Wilkesbarre, Pa. *Officers;* Geo. W. Kirkendall, *Pres.;* Geo. Loveland, *Sec. & Treas.;* Albert S. Orr, *Gen. Supt.*, Wilkesbarre, Pa.

Continental Ry. Co. Leased to the Philadelphia Traction Co. Funded debt consists of 1st mtge. 6 per cent. bonds, due July, 1909, interest January and July. *Directors:* P. A. B. Widener, Clay Kemble, G. W. Elkins, Wm. J. Elliott, Geo. D. Widmer, Philadelphia, Pa. *Officers:* Wm. L. Elkins, *Pres.;* John B. Peddle, *Sec. & Treas.*, Philadelphia, Pa.

Duquesne Electric RR. Co. Main line, 30 miles; gauge, 4 ft. 8½ in.; rail, 50 lbs. Thomson-Houston system of electricity. Geo. Rice, Engineer, Pittsburgh, Pa.

Duquesne Inclined Plane Ry. Co. *Officers;* Saul Severance, *Pres.;* Geo. L. Holliday, *Supt.* GENERAL OFFICE, Pittsburgh, Pa.

East End Pass. Ry. Co. Date of charter, October 11, 1886. Opened February 1, 1887. Dividends payable at Lancaster, Pa. *Directors:* M. L. Herr, Jno. H. Baumgardner, Jacob B. Long, Walter M. Franklin, J. E. Ackley, and Sumner T. Dunham, Lancaster, Pa. *Officers:* Jno. A. Coyle, *Pres.;* M. L. Herr, *Vice-Pres.;* Jno. H. Baumgardner, *Treas.;* J. E. Ackley, *Sec.;* Geo. Nauman, *Aud.*, Lancaster, Pa.

East Harrisburg Pass. Ry. Co. Capital stock increased during 1889 to $150,000. *Directors:* Geo. Pancake, T. D. Greenawalt, John Hoffer, C. E. H. Brelsford, David Fleming, Jr., John Q. Denney, J. M. Cameron, Edward Bailey, Jr., E. C. Felton, Harrisburg, Pa. *Officers:* Jno. Q. Denney, *Pres.;* T. D. Greenawalt, *Vice-Pres.;* Wm. J. Calder, *Sec., Treas. & Gen. Man.*, Harrisburg, Pa.; Ed. Bailey, David Fleming, Jr., J. M. Cameron, *Auditors*, Harrisburg, Pa.

East Reading RR. Co. Chartered August 27, 1888; road opened November 27, 1888. Operated by Sprague system of electricity. Rates of fare, 3 and 5 cents. Dividends paid in 1889, July 15, 2 per cent. on $20,000 stock; December 4, 4 per cent. on $32,000 stock. *Directors:* Wm. R. McIlvain, John H. Printz, J. G. Leibach, A. J. Strobecker, Geo. W. Bard, Frank P. Esterly, A. H. Fegely, Reading, Pa. *Officers:* A. J. Brumbach, *Pres.;* J. G. Leibach, *Vice-Pres.;* A. H. Fegely, *Sec.;* Henry T. Kendall, *Treas.;* Sheridan Sholl, *Gen. Supt.* GENERAL OFFICE, 536 Penn St., Reading, Pa.

Easton, South Easton and West End Pass. Ry. Co. Chartered March 27, 1866; road opened in June, 1866. Dividends payable at the General Office. Average rate of fare, 5 cents. Sleighs, 3. *Directors:* Elisha Burwell, South Easton, Pa.; Frederick Green, Easton, Pa.; H. A. Sage, Jr., Easton, Pa.; Peter S. Beidler, South Easton, Pa.; Winfield S. Hulick, Frank R. Sage, Easton, Pa.; Gamble Young, South Easton, Pa. *Officers;* H. A. Sage, *Pres.;* H. W. Cooley, *Sec. & Treas.*, Easton, Pa.; Elisha Burwell, *Gen. Supt.*, South Easton, Pa.

Empire (Philadelphia) Pass. Ry. Co. Road leased to Philadelphia Traction Co. Funded debt consists of 1st mtge. 7 per cent. bonds, due July 1, 1900, interest payable semi-annually. *Directors:* W. L. Elkins, W. McClary, Geo. H. Colket, P. A. B. Widener, Wm. H. Kemble, Philadelphia, Pa. *Officers:* James McManus, *Pres.;* D. W. Dickson, *Sec. & Treas.*, Philadelphia, Pa.

Erie Electric Motor Ry. Co. Chartered in October, 1888, and succeeded, by purchase, the Erie City Passenger RR. Co., which was sold March 1, 1867; road opened in November, 1887. Electricity substituted in July, 1889. Funded debt consists of $25,000 6 per cent. 30-year mortgage bonds, due April 1, 1913, interest payable April and October; $200,000 6 per cent. mortgage 30-year bonds, due January 1, 1919, interest payable January and July. Interest payable at New York, N. Y., and Erie, Pa. Average rate of fare, 4½ cents. *Directors:* W. W. Reed, J. S. Casement, Jno. C. Brady, S. T. Everett, J. L. Sternberg, Erie, Pa. *Officers:* J. S. Casement, *Pres.;* S. T. Everett, *Vice-Pres.;* J. L. Sternberg, *Treas.;* F. C. Bangs, *Sec.;* J. F. Pletch, *Gen. Man.* GENERAL OFFICE, Erie, Pa.

Federal Street and Pleasant Valley Pass. Ry. and Electric Co. Chartered February 20, 1868; commenced operations March, 1869. Funded debt consists of 1st mtge. 6 per cent. bonds, due July 1, 1903, interest semi-annually. The Observatory Hill RR. Co. was merged into this company in 1889. *Directors:* W. H. Graham, R. H. Oling, S. C. Grier, D. F. Henry, William Roseburg, James Andrews, Wm. A. Stone, Allegheny City, Pa. *Officers:* William McCreery, *Pres.;* W. H. Graham, *Sec.*, Allegheny City, Pa.; R. F. Ramsey, *Treas.*, Pittsburgh, Pa.; William J. Crozier, *Gen. Supt.*, Allegheny City, Pa. GENERAL OFFICE, 95 Fifth Avenue, Allegheny City, Pa.

Fort Pitt Inclined Plane Co. Funded debt, 6 per cent. bonds, due November 1, 1901, interest payable May and November. *Directors:* William Flinn, L. H. Williams, F. L. Stephenson, George I. Whitney, S. H. French, Pittsburgh, Pa. *Officers:* William Flinn, *Pres.;* S. H. French, *Sec.;* L. H. Williams, *Treas.*, Pittsburgh, Pa.

Forty-Third Street & Millville Street Ry. Co. Main line, 2 miles; gauge, 5 ft. 2 in.; rail, 48 lbs. Cars, 5; horses, 16. *Officers:* P. W. Siebert, *Pres. & Supt.;* C. Van Buren, Jr., *Sec.;* J. T. Keil, *Treas.* GENERAL OFFICE, 357 Main St., Pittsburgh, Pa.

Frankford and Southwark Pass. Ry. Co. Chartered April 4, 1854; commenced operations January 20, 1858. Dummy engines, 10. Funded debt consists of 7 per cent. mortgage bonds, due May 1, 1891, interest payable May and November. Dividends (payable January, April, July and October) and interest payable at the company's office, 2501 Kensington Avenue, Philadelphia, Pa. *Directors:* David Fleming, Horace Geiger, John L. Lawson, Alfred Smith, Philadelphia, Pa.; John Noblit, Frank Weckerly, George Gaudy, Chas. S. Lincoln, J. J. Sullivan, Edgar Fries, James H. Gay, Moses W. Lipper, Philadelphia, Pa.; Thomas McClary, Wilmington, Del. *Officers:* Jeremiah J. Sullivan, *Pres.;* George S. Gaudy, *Vice-Pres.;* Thos. S. Harris, *Sec.;* R. C. Brewster, *Treas.;* W. H. Janney, *Gen. Supt.*, Philadelphia, Pa. GENERAL OFFICE, 2501 Kensington Avenue, Philadelphia, Pa.

Germantown Ry. Co. Funded debt consists of $67,500 1st mtge. 5 per cent. bonds, due in December, 1904, interest June and December, and $160,000 2d mtge. 5 per cent. bonds, due October, 1899, interest April and October. Road leased to People's Pass. Ry. Co. *Directors:* Craig D. Ritchie, Meyer Sledenbach, Clarence B. Moore, Wm. Dulles, Samuel N. Jarden, Jno. R. Baker, Jr., Philadelphia, Pa. *Officers:* Craig D. Ritchie, *Pres.;* Lewis S. Renshaw, *Sec. & Treas.*, Philadelphia, Pa.

Green and Coates Streets Pass. Ry. Co. Funded debt consists of 1st mtge. 6 per cent. bonds, due July, 1898, interest payable January and July. *Directors:* William Dulles, Phineas Fries, James McManes, Chas. J. Walton, Joseph Koch, Meyer Sledenbach, Clarence S. Kates, Meyer Troutman, Clarence B. Moore, James S. Sullivan, Oliver Hopkinson, Martin V. Burton, Philadelphia, Pa. *Officers:* Moses A. Dropsie, *Pres.;* Lewis S. Renshaw, *Sec. & Treas.*, Philadelphia, Pa. Road leased to People's Pass. Ry. Co.

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City and Suburban Tramways, State of Pennsylvania—*Continued.*

Name of Road.	Railroad. Total Line.	Railroad. Total Track.	Hor's, etc.	Pass'r Cars.	Liabilities. Capital Stock.	Liabilities. Funded Debt.	Liabilities. Other Debt.	Liabilities. Total.	Assets. Cost of Road and Equipment.	Passengers Carried.	Gross Earnings.	Operating Expenses.	Net Income.	Payments from Available Revenue. Interest.	Payments from Available Revenue. Dividends.	Per cent. of Div.
	M.	M.	No.	No.	$	$	$	$	$	No.	$	$	$	$	$	
*Pennsylvania Motor Co	2.37	2.37	.....	4	80,000	40,000	5,373	125,373	125,337	43,292	2,076	1,831	245	1,600	.....	....
*People's Park	2.50	2.50	96	11	100,000	100,000	66,011	266,011	163,835	442,147	19,896	16,169	3,727	‡.....	‡.....	....
People's (Philadelphia)	46.00	46.00	1,479	153	1,500,000	750,000	.....	2,250,000	407,350	32,206,205	1,157,034	1,000,103	156,931	.....	‡.....	....
†People's (Scranton)	14.00	19.00	Elect.	36	400,000	200,000	561	600,561	608,457	*1,219,401	57,086	35,935	21,151	6,000	8,000	4
*Perkiomen Avenue	4.60	5.20	80	23	90,000	.....	.....	90,000	134,940	568,460	23,042	15,029	8,013	‡.....	‡.....	....
Philadelphia City	17.41	23.41	708	132	475,000	300,000	.....	775,000	875,843	.....	.....	.....	.....	.....	140,000	14
*Philadelphia and Darby	5.05	6.40	.....	.....	200,000	100,000	.....	300,000	300,000	.....	.....	.....	.....	‡.....	‡.....	....
*Philadelphia and Gray's Ferry	10.38	12.88	190	32	308,750	.....	.....	308,750	243,713	1,512,584	74,240	47,619	26,621	‡.....	‡.....	....
*Philadelphia Traction	119.00	119.00	2,179	719	2,937,750	1,257,000	.....	4,194,750	3,774,600	28,974,244	1,497,026	914,616	582,410	‡.....	‡.....	....
Pittsburgh, Allegheny & Manchester	5.00	5.00	380	49	350,000	200,000	.....	550,000	308,630	4,694,376	251,355	175,738	75,517	14,000	31,500	....
*Pittsburgh and Birmingham	3.37	6.88	195	29	20,000	75,000	.....	95,000	181,372	2,143,841	107,192	69,266	37,826	‡.....	‡.....	....
*Pittsburgh Passenger	.....	.....	.....	.....	1,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	‡.....	....
*Pittsburgh Traction	11.00	11.00	16	44	1,750,000	765,000	9,736	2,524,736	1,317,514	3,550,646	163,399	75,176	58,223	‡.....	‡.....	....
Pittsburgh Union	4.06	7.93	163	23	82,755	100,000	5,086	187,841	140,416	1,463,262	72,583	74,229	*d.* 1,646	5,000	‡.....	....
*Pittsburgh and West End	5.25	9.75	122	27	98,060	75,000	.....	173,060	156,603	743,785	38,587	28,192	10,395	‡.....	‡.....	....
*Pittston	1.75	3.50	7	3	10,000	.....	.....	10,000	10,000	46,096	2,462	1,562	900	‡.....	‡.....	....
*Reading City	4.50	4.50	140	41	200,000	112,000	5,000	317,000	339,833	661,981	28,454	30,340	*d.* 1,886	‡.....	‡.....	....
Ridge Avenue	7.00	7.00	354	60	420,000	.....	.....	420,000	582,660	7,175,546	356,323	206,009	150,314	‡.....	150,000	....
*St. Clair Inclined Plane	0.39	0.39	.....	2	6,000	.....	67,000	73,000	67,000	105,445	5,899	4,555	1,344	‡.....	‡.....	....
*Schuylkill River	3.11	3.48	.....	.....	50,000	.....	.....	50,000	47,464	.....	.....	.....	.....	‡.....	‡.....	....
§Scranton Suburban	6.00	9.00	.....	23	100,000	200,000	46	300,046	310,610	‡.....	25,580	7,070	18,510	5,200	2,000	2
*Second Avenue (Pittsburgh)	3.25	4.87	20	8	30,000	30,000	15,294	75,294	‡.....	‡.....	‡.....	‡.....	‡.....	‡.....	‡.....	....
*Second and Third Streets (Phila.)	37.00	41.00	688	131	771,076	.....	.....	771,076	952,563	5,437,934	275,388	156,430	118,958	‡.....	‡.....	....
Seventeenth and Nineteenth Streets	7.50	7.50	.....	.....	250,000	100,000	.....	350,000	229,316	.....	.....	.....	.....	‡.....	‡.....	....
*South Side	3.00	3.00	54	9	38,400	19,000	.....	57,400	81,851	283,022	14,151	12,396	1,755	‡.....	‡.....	....
*Stroudsburg	1.37	2.87	10	3	25,600	.....	738	26,338	24,627	18,508	‡.....	1,600	‡.....	‡.....	‡.....	....
Suburban Rapid Transit Electric	2.50	5.00	.....	3	120,000	.....	.....	120,000	60,000	182,500	4,500	3,000	1,500	‡.....	‡.....	....
*Sunbury and Northumberland	.....	.....	.....	.....	75,000	.....	.....	.....	.....	.....	.....	.....	.....	‡.....	‡.....	....
Thirteenth and Fifteenth Streets	14.00	15.50	615	87	334,529	170,000	.....	504,529	346,567	10,270,000	516,308	327,587	188,721	‡.....	180,000	....
*Troy Hill Inclined Plane and Bridge Union	70.00	70.00	.....	.....	925,000	750,000	.....	1,675,000	1,675,000	.....	.....	.....	.....	‡.....	‡.....	....
*West End Passenger	‡.....	‡.....	‡.....	‡.....	5,700	.....	.....	5,700	5,726	25,896	1,402	774	628	‡.....	‡.....	....
*West Philadelphia	21.50	29.50	.....	.....	750,000	996,000	.....	1,746,000	1,876,250	.....	.....	.....	.....	‡.....	‡.....	....
*Wilkesbarre and Kingston	4.00	4.23	20	10	100,000	.....	.....	100,000	94,833	174,444	17,125	7,570	9,555	‡.....	‡.....	....
*Wilkesbarre and Suburban	6.00	6.00	Elect.	5	78,475	.....	17,500	95,875	92,868	122,921	7,786	7,130	656	‡.....	‡.....	....
*Wilkinsburg and East Liberty	2.36	2.36	.....	.....	13,400	3,250	.....	16,650	15,778	.....	.....	.....	.....	‡.....	‡.....	....
*Williamsport	2.14	2.58	33	11	75,000	.....	30,852	105,852	141,859	225,837	11,110	6,366	4,744	‡.....	‡.....	....
York	4.00	4.30	32	15	50,000	.....	8,000	58,000	52,796	289,212	13,410	10,692	2,718	.....	1,500	3

† Six months ending December 31, 1889.

§ Report for seven months ending December 31, 1889.

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Harrisburg City Pass. Ry. Co. Date of charter, 1865. Reorganized, 1874. Opened 1865 and 1874. *Directors:* Henry A. Kelker, John Whitman, J. G. M. Bay, John T. Ensminger, David Fleming, George W. Relly, William R. Gorgas, Wm. K. Alricks, Harris Cohen, J. F. Rohrer, Jacob Hehnlen, Harrisburg, Pa. *Officers:* Henry A. Kelker, *Pres.;* Wm. K. Alricks, *Vice-Pres.;* Alexander Roberts, *Sec.;* Rudolph F. Kelker, *Treas.;* S. B. Reed, *Supt.*, Harrisburg, Pa.

Hestonville, Mantua and Fairmount Pass. RR. Co. Funded debt consists of $124,500 1st mtge. 6 per cent. bonds, due 1901, interest payable January and July; $300,000 1st mtge. 6 per cent. bonds, due 1895, interest payable May and November; and $75,000 2d mtge. 6 per cent. bonds, due 1902, interest payable March and September. *Directors:* John Kieser, Lancaster, Pa.; S. Gustine Thompson, Levi N. Wagner, John B. Griffith, Henry Donahue, Philadelphia, Pa. *Officers:* Chas. H. Lafferty, *Pres.;* W. C. Foster, *Sec. & Treas.*, Philadelphia, Pa.

Johnstown Pass. Ry. Co. This road has been almost entirely destroyed by the flood, and only a small portion remains. This the company is not operating. *Directors:* James McMillen, Jacob Fend, W. H. Rossentell, Alexander Kennedy, Chas. F. Kress, Andrew Foster, James J. Fronheiser, Johnstown, Pa. *Officers:* Tom L. Johnson, *Pres.;* Jno. B. Hoefgen, *Vice-Pres. & Treas.;* B. L. Yeagley, *Sec.;* D. J. Duncan, *Supt.*, Johnstown, Pa.

Lancaster City Street Ry. Co. Gauge, 5 ft. 2½ in. and 5 ft. 2½ in.; rail, 38 to 52 lbs. Daft system of electricity. Funded debt, $260,000. *Directors:* M. L. Herr, Jacob B. Long, Walter M. Franklin, J. E. Ackley, Sumner T. Dunham, J. H. Baumgardner, Lancaster, Pa. *Officers:* Jno. A. Coyle, *Pres.;* M. L. Herr, *Vice-Pres.;* J. E. Ackley, *Sec.;* J. H. Baumgardner, *Treas.;* L. C. Witmer, *Gen. Supt.*, Lancaster, Pa.

Lancaster and Millersville RR. Co. *Directors:* John C. Hager, Samuel Bausman, Michael Reilly, H. S. Shirk, Jacob M. Frantz, Francis Shroeder, Andrew M. Frantz, Lancaster, Pa.; Jacob H. Landis, P. W. Irlestand, Millersville, Pa. *Officers:* John C. Hager, *Pres.;* H. S. Shirk, *Vice-Pres.;* Chas. Dennes, *Sec. & Treas.*, Lancaster, Pa.

Lebanon Electric Ry. Co. (not yet constructed). *Directors:* C. Shenk, Richard Melly, Chas. H. Melly, Lebanon, Pa.; Sumner B. Dunham, Wm. H. Browne, Jas. M. Motley, Mr. Leferre, New York, N. Y. *Officers:* C. Shenk, *Pres.;* Richard Melly, *Sec.;* Jacob H. Grove, *Treas.*, Lebanon, Pa.

Lehigh Avenue Ry. Co. Incorporated by Act of Assembly of Pennsylvania; approved December 18, 1873. Road opened about April 1, 1890. *Directors:* Joseph T. Bunting, Jno. N. M. Shelner, Philadelphia, Pa.; Langhorne Wister, Germantown, Pa.; Wm. Rotch Wister, Germantown, Pa.; James R. Booth, Philadelphia, Pa. *Officers:* Joseph T. Bunting, *Pres.;* J. McK. Barron, *Treas. & Sec.*, Philadelphia, Pa.

Lombard and South Streets Pass. Ry. Co. Chartered May, 1861. Dividends on stock payable at Philadelphia. Funded debt consists of $150,000 1st mtge. 5 per cent. coupon bonds, dated 1881, due 1901, interest payable June and December; $6,400 1st mtge. 7 per cent. coupon bonds, dated 1875, due 1906, interest payable April and October; and $18,010 mortgage and ground rent. *Directors:* Wm. R. Wister, Robert N. Carson, Wm. H. Shelmerdine, Edward Samuel, E. J. Moore, Philadelphia, Pa. *Officers:* Thos. C. Barr, *Pres.;* Edward B. Murphy, *Sec. & Treas.;* J. H. Fresh, *Gen. Supt.*, Philadelphia, Pa.

Manayunk and Roxborough Inclined Plane and Ry. Co. *Directors:* William King, J. Vaughn Merrick, H. G. Jones, Benj. Haney, W. J. Donohugh, Roxborough, Pa.; C. J. McClinchy, Manayunk, Pa. *Officers:* Chas. J. Walton, *Pres.*, Roxborough, Pa.; W. H. Lewis, *Sec.*, Roxborough, Pa.; C. T. McClinchy, *Treas.*, Manayunk, Pa.; Albert Tibben, *Gen. Supt.*, Roxborough, Pa.

McKeesport Passenger Ry. Co. Main line, 1½ miles; gauge, 5 ft. 2½ in.; rail, 38 lbs. Cars, 4; horses, 25. Capital stock, $18,000. *Officers:* J. C. Smith, *Pres.;* E. F. Woods, *Sec.;* L. Richardson, *Supt.* GENERAL OFFICE, McKeesport, Pa.

Mercer Passenger Ry. Co. *Directors:* Samuel F. Thompson, Jno. I. Gorden, Wm. Miller, Samuel Griffith, Samuel B. Griffith, Mercer, Pa. *Officers:* Samuel B. Griffith, *Pres.;* Wm. Miller, *Sec. & Treas.*, Mercer, Pa.

Millvale and Forty-third Street Ry. Co. Road not yet opened; length of line, 3.50 miles; cars, 2. Capital stock, $20,000. P. W. Siebert, *Pres. & Supt.;* C. Van Buren, *Sec.;* J. T. Kell, *Treas.*, Pittsburgh, Pa. GENERAL OFFICE, 367 Main Street, Pittsburgh, Pa.

Monongahela Inclined Plane Co. Chartered April 12, 1867; passenger plane opened May 28, 1870; vehicle plane opened April 1, 1884. Funded debt, 5 per cent. bonds, due 1892 and 1897, interest payable April and October. Dividends payable January and July at Pittsburgh, Pa. *Directors* (elected January 13, 1890): E. W. Smith, James M. Bailey, John S. McMillen, Geo. W. Beltzhoover, William Halpin, L. W. Dalzell, Joseph G. Walter, Pittsburgh, Pa. *Officers:* Jas. M. Bailey, *Pres.;* John L. Awl, *Sec., Treas. & Supt.*, Pittsburgh, Pa.

Mount Oliver Inclined Ry. Co. Funded debt, 6 per cent. bonds, due November 1, 1901. Gauge, 4 ft. 8½ in.; rail (steel), 42 lbs. per yard. *Directors:* C. J. Shultz, Daniel Beach, P. Haberman, Jos. Keeling, Sr., Jos. Keeling, Jr., F. Hampe, A. L. Shultz, Pittsburgh, Pa. *Officers:* C. J. Shultz, *Pres.;* Daniel Beach, *Sec. & Treas.;* M. S. Holden, *Gen. Supt.*, Pittsburgh, Pa.

Nayaug Crosstown Ry. Co. This company was consolidated with the Scranton Suburban Ry. Co. in May, 1889. *Directors:* E. B. Sturges, L. A. Watres, M. J. Wilson, Isaac Post, Arthur Frothingham, Scranton, Pa. *Officers:* E. B. Sturges, *Pres.;* M. J. Wilson, *Sec.;* H. J. Foster, *Assist. Sec.;* George A. Jessup, *Treas.;* S. J. Mullen, *Gen. Supt.*

Norristown Pass. Ry. Co. Earnings, 1889, $9,025.26; expenses and taxes, $8,562.39—net earnings, $462.87. *Directors:* H. M. Lutz, Henry Freedley, M. R. Wills, W. R. Pechin, Nathan Shultz, Norman Egbert, Joseph Blackfan, Joseph A. Coleman, A. W. Geiger, J. C. Smith, N. R. Haines, Isaac W. Smith, E. D. Egbert, Norristown, Pa. *Officers:* H. M. Lutz, *Pres.;* W. R. Pechin, *Vice-Pres.;* N. R. Haines, *Sec.;* J. C. Smith, *Treas.;* Lewis Hecht, *Gen. Supt.*, Norristown, Pa.

North Philadelphia Pass. Ry. Co. *Directors:* Henry A. Stiles, J. Morris Harding, John Donaldson, Edward P. Kershow, Thomas J. Magill, Philadelphia, Pa. *Officers:* H. A. Stiles, *Pres.;* F. H. Williams, *Sec. & Treas.*, Philadelphia, Pa.

Nunnery Hill Inclined Plane Co. Funded debt consists of 6 per cent. 20-year bonds, due October 1, 1907, interest payable April and October. *Directors:* Oliver P. Scaife, Chas. P. Scaife, James B. Scott, Chas. L. Caldwell, Geo. P. Hamilton, Arthur Kennedy, Sullivan Johnson, Allegheny, Pa. *Officers:* Oliver P. Scaife, *Pres.;* Arthur Kennedy, *Sec.;* Chas. C. Scaife, *Treas.*, Allegheny, Pa.

Pennsylvania Motor Co. Funded debt consists of 4 per cent. bonds, due October 1, 1893, interest payable April and October. Average rate of fare, 4½ cents. *Directors:* J. Marshall Young, N. A. Johnson, Geo. B. Nevin, Thos. A. Sletor, Easton, Pa.; W. P. Stevenson, New York, N. Y. *Officers:* J. Marshall Young, *Pres.;* D. W. Nevin, *Sec. & Treas.;* W. S. Blauvelt, *Gen. Supt.* GENERAL OFFICE, Easton, Pa.

People's Park Pass. Ry. Co. Funded debt consists of 1st mtge. 5 per cent. bonds, due July 1, 1907. *Directors:* Wm. McCreery, R. H. King, Wm. H. Graham, D. F. Henry, Samuel C. Grier, Wm. Roseburg, S. Kaufman, James Andrews, W. A. Stone, Allegheny City, Pa.; John Bissell, Frank Rahm, Pittsburgh, Pa. *Officers:* Wm. McCreery, *Pres.;* W. H. Graham, *Sec.;* K. F. Ramsey, *Treas.;* Wm. J. Crozier, *Gen. Man.*, Allegheny City, Pa.

People's Passenger Ry. Co. (Philadelphia). Chartered April 15, 1873; road opened July 31, 1875. This company owns in Philadelphia a line of road known as the Callowhill Street Line, three miles in length, with branch of half mile, all double track, and leases of the lines of the Germantown Passenger Ry. Co. and of the Green and Coates Streets Passenger Ry. Co., the former for 999 years from October 1, 1881, and the latter for 999 years from September 1, 1881. The lease-rental of the Germantown line is not stated. Of the Green and Coates the annual rental is $60,000. Dividends of leased lines are payable quarterly—Janu-

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ary, April, July and October—as follows: Germantown—Guarantee Trust and Safe Deposit Co., Philadelphia; Green and Coates—Tenth, corner Chestnut St., Philadelphia. Funded debt consists of $219,000 1st mtge. 7 per cent. bonds, due in 1905, interest payable January and July; $285,000 1st mtge. 5 per cent. bonds, due in 1911, interest payable January and July; $246,000 consolidated mortgage 5 per cent. bonds, due in 1912, interest payable March and September. Interest payable at the Real Estate Title Insurance and Trust Co., Philadelphia. Average rate of fare, 5 cents. *Directors:* R. N. Carson, W. H. Shelmerdine, Wm. Rotch Wister, J. J. Macfarlane, E. J. Moore. *Officers:* Thomas C. Barr, *Pres.;* D. C. Golden, *Sec. & Treas.;* Charles S. Whiting, *Gen. Supt.* GENERAL OFFICE, Southwest corner of 8th and Dauphin Sts., Philadelphia, Pa.

Peoples Ry. Co. (Pottsville). Main line, 1 mile; gauge, 4 ft. 8½ in.; rail, 45 lbs. *Officers:* T. A. Reilly, *Pres.;* Wm. D. Pollard, *Sec. & Supt.* GENERAL OFFICE, 221 South Centre St., Pottsville, Pa.

People's Street Ry. Co. (Scranton). Chartered March 23, 1866; road opened about November of same year. Electric power was substituted for horse-power about December 25, 1888. Funded debt consists of 1st mtge. 6 per cent. bonds, due 1918, interest payable February and August, at Farmers' Loan and Trust Co., New York, N. Y. Dividends payable at Farmers' Loan and Trust Co., New York, and First National Bank, Scranton, Pa. *Directors:* Wm. W. Winton, P. S. Page, J. A. Davis, Geo. A. Jessup, W. H. Jessup, Jr., Scranton, Pa.; Thos. H. Thomas, E. L. Keyes, W. W. Sherman, Lathrop R. Bacon, New York. *Officers:* Lathrop R. Bacon, *Pres.*, New York, N. Y.; P. S. Page, *Vice-Pres.;* Horace E. Hand, *Sec. & Treas.;* W. T. Van Brunt, *Gen. Man.*, Scranton, Pa.

Perkiomen Avenue Pass. Ry. Co. Chartered, April 3, 1873; road opened in 1873. Reorganized May 6, 1880, and on July 1, 1889, consolidated with the Reading City Passenger RR. Co. *Directors:* Jas. S. Douglass, Henry A. Muhlenburg, B. F. Owen, C. A. Schaeffer, Albert Walheimer, Nathan Harbster, Reading, Pa. *Officers:* Wm. R. McIlvain, *Pres.;* Jno. Rick, *Sec. & Treas.;* Jno. A. Rigg, *Gen. Supt.*, Reading, Pa.

Philadelphia City Pass. Ry. Co. Chartered April 9, 1859; opened October 24, 1859. Funded debt consists of $200,000 1st mtge. 5 per cent. 30-year bonds, due 1910, interest payable January and July, and $100,000 debenture 7 per cent. 20-year bonds, due 1895, interest payable March and September. Leased to West Phila. Pass. Ry. Co. for 900 years from January 1, 1884. Dividends payable January and July, at 202 Walnut Place, Philadelphia, Pa. *Directors:* W. S. Wilson, Chester Valley, Pa.; Wm. Cochran, John Markoe, John M. Chestnut, Collins W. Walton, John A. Brown, Jr., Philadelphia, Pa. *Officers:* Wm. W. Colket, *Pres.;* T. W. Pennypacker, *Sec. & Treas.*, Philadelphia, Pa.

Philadelphia and Darby Ry. Co. Chartered April 28, 1857. Road leased for 999 years from January 1, 1870, to Philadelphia City RR. Co., and transferred to West Philadelphia RR. Co. on lease of the P. C. RR. to that company. Funded debt consists of 1st mtge. 4 per cent. bonds, due 1927; interest payable May and November. Dividends (payable January and July) and interest payable at 41st and Haverford Streets, Philadelphia, Pa. *Directors:* J. H. Stanton, Collins W. Walton, Chas. J. Walton, Wm. W. Colket, Christian W. Kunkle, Philadelphia, Pa.; Thomas U. Walker, Chester Valley, Pa. *Officers:* Beauveau Boice, *Pres.;* Wm. W. Colket, *Sec. & Treas.*, Philadelphia, Pa.

Philadelphia and Gray's Ferry Pass. Ry. Co. *Directors:* J. Hicks Conrad, Richard Dale, Arthur H. Craige, William Dulles, Oliver Hopkinson, James McManes, Philadelphia, Pa. *Officers:* Matthew Brooks, *Pres.;* J. C. Dawes, *Sec. & Treas.;* William H. Brooks, *Gen. Supt.*, Philadelphia, Pa.

Philadelphia Traction Co. Funded debt consists of 4 per cent. collateral trust bonds, due August 15, 1917, interest payable February 15 and August 15. *Directors:* Wm. H. Kemble, Peter A. B. Widener, Wm. L. Elkins, Thomas Dolan, James McManes, Joseph B. Altremus, Philadelphia, Pa. *Officers:* William H. Kemble, *Pres.;* Peter A. B. Widener, *1st Vice-Pres.;* Wm. L. Elkins, *2d Vice-Pres.;* D. W. Dickson, *Sec. & Treas.;* Jas. T. Gorman, *Gen. Supt.*, Philadelphia, Pa.

Pittsburgh, Allegheny and Manchester Pass. Ry. Co. Chartered April 12, 1859; opened in January, 1860. Funded debt consists of $100,000 1st mtge. 8 per cent. bonds, due November, 1892, interest payable February and August; $100,000 2d mtge. 6 per cent. bonds, due February, 1903, or any time after February 1, 1888, interest payable February and August. Interest and dividends payable at First National Bank of Pittsburgh, Pa. *Managers:* John H. Dalzell, John D. Nicholson, Joshua Rhodes, C. L. Magee, Pittsburgh, Pa.; J. N. Davidson, Allegheny City, Pa. *Officers:* John H. Dalzell, *Pres.;* Charles Seibert, *Sec. & Treas.;* Pittsburgh, Pa.; J. C. Cotton, *Supt.*, Allegheny City, Pa.

Pittsburgh and Birmingham Pass. RR. Co. Funded debt consists of 7 3-10 per cent. bonds, due January, 1892, interest payable January and July. *Directors:* W. W. Patrick, Wm. M. Hersh, B. Wolff, Jr., Chas. J. Clark, Alexander Nimick, Pittsburgh, Pa. *Officers:* W. W. Patrick, *Pres.;* C. B. Agnew, *Sec.;* John G. Holmes, *Treas.;* John Deloury, *Gen. Supt.*, Pittsburgh, Pa.

Pittsburgh, Knoxville & St. Clair Street Ry. Co. Main line, 2 miles; gauge, 5 ft. 2½ in.; rail, 45 lbs. Cars, 5. Daft system of electricity. Capital stock, $180,000. *Officers:* W. J. Fawcett, *Rec. & Gen. Man.;* Thos. Evans, *Pres.;* J. W. Patterson, *Sec.;* Henry Stain, *Treas.* GENERAL OFFICE, 846 Fifth Avenue, Pittsburgh, Pa.

Pittsburgh Passenger Ry. Co. (Road not yet constructed.) *Directors:* J. R. McGinley, S. A. Duncan, T. A. Gillespie, J. O. Brown, C. B. Wood, Pittsburgh, Pa. *Officers:* J. R. McGinley, *Pres.;* C. B. Wood, *Sec.;* F. J. Cluley, *Treas.*, Pittsburgh, Pa.

Pittsburgh Traction Co. Funded debt, 1st mtge. coupon 5 per cent. bonds, due October 1, 1927, $750,000; P., O. & E. L. RR. Co. 6 per cent. coupon bonds, due February, 1891, interest payable February and August, $15,000. In 1889 the Pittsburgh, Oakland and East Liberty RR. Co. was merged into this company. *Directors;* Geo. W. Elkins, C. L. Magee, Thos. S. Bigelow, Joseph W. Craig, Pittsburgh, Pa.; P. A. B. Widener, W. L. Elkins, W. H. Kemble, Philadelphia, Pa. *Officers:* Geo. W. Elkins, *Pres.;* C. L. Magee, *Vice-Pres.;* Geo. L. McFarlane, *Sec.;* Wilson McCandless, *Treas.*

Pittsburgh Union Pass. Ry. Co. Chartered August 30, 1879; road opened in July, 1881. Funded debt consists of 1st mtge. 5 per cent. bonds, due October, 1901, interest payable April and October, at office of N. Holmes & Sons, Pittsburgh, Pa. *Directors:* J. W. Dalzell, A. C. McCallum, W. I. Mustin, Geo. C. Wilson, F. M. Magee, F. C. Hutchinson, W. R. Rhodes, Pittsburgh, Pa. *Officers:* J. W. Dalzell, *Pres.;* Chas. Seibert, *Sec.;* James J. Donnell, *Treas.*, Pittsburgh, Pa.; J. C. Cotton, *Supt.*, Allegheny City, Pa.

Pittsburgh and West End Pass. Ry. Co. Chartered March 27, 1879; commenced operations July 4, 1879. Funded debt consists of 5 per cent. bonds, due July, 1907, interest payable January and July. *Directors:* John C. Reilly, W. J. Burns, Thomas S. Bigelow, James Callery, J. Dawson Callery, Pittsburgh, Pa. *Officers:* J. C. Reilly, *Pres. & Treas.;* James Callery, *Vice-Pres.;* Thos. S. Bigelow, *Sec.;* Wm. J. Burns, *Gen Man. & Supt.*, Pittsburgh, Pa.

Pittston Street Car Co. *Directors:* Isaac Everett, M. W. Morris, Geo. B. Everett, James L. Morris, Pittston, Pa.; E. W. Mulligan, E. L. Mulligan, Wilkesbarre, Pa. *Officers:* Isaac Everett, *Pres., Gen. Man. & Supt.*, Pittston, Pa.; E. W. Mulligan, *Sec.*, Wilkesbarre, Pa.

Reading City Pass. Ry. Co. Chartered December 18, 1873. Opened August 11, 1874. On July 1, 1889, the Perkiomen Avenue RR. Co. was consolidated with this company. Funded debt consists of $12,000 5 per cent. bonds, due 1893, interest payable April and October 1; $100,000 5 per cent. gen. mtge. bonds, due April, 1909, interest payable April and October 1. The authorized issue of the latter bonds is $112,000, of which $12,000 are reserved to retire, at maturity, the 1st mtge. bonds. *Directors:* Benj. F. Owen, James S. Douglas, A. Shalhenner, C. H. Schaeffer, H. A. Muhlenberg, Nathan Harbster, Wm. A. Sands, John Rich, Wm. R. McIlvain, Reading, Pa. *Officers:* B. F. Owen, *Pres.;* Jas. S. Douglas, *Vice-Pres.;* H. A. Muhlenberg, *Sec. & Treas.;* J. A. Rigg, *Supt.*, Reading, Pa.

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Ridge Avenue Pass. Ry. Co. Chartered April 15, 1858; road opened March 14, 1859. Dividends payable January, April, July and October. *Directors:* Wm. S. Grant, Wm. T. Carter, John Lambert, Henry Norris, R. A. F. Penrose, Philadelphia, Pa. *Officers:* E. B. Edwards, *Pres.;* Wm. S. Blight, *Sec. & Treas.;* Wm. Myers, *Gen. Supt.*, Philadelphia, Pa.

St. Clair Inclined Plane Co. Road not completed. *Directors:* W. S. Hughes, Geo. B. Blood, Will S. Jones, J. M. Eccles, Pittsburgh, Pa. *Officers:* W. S. Hughes, *Pres.;* Geo. B. Blood, *Vice-Pres.;* Will S. Jones, *Sec.;* J. M. Eccles, *Treas.;* Thos. Mellon, *Gen. Man. & Supt.;* Andrew Mellon, *Acting Treas.*, Pittsburgh, Pa.

Schuylkill River Pass. Ry. Co. Operated by the Philadelphia and Gray's Ferry Passenger Ry. Co. *Directors:* Matthew Brooks, J. Hicks Conrad, Joseph Hopkinson, Samuel W. Woodhouse, Edward Hopkinson, Oliver Hopkinson, Philadelphia, Pa. *Officers:* Oliver Hopkinson, *Pres.;* S. Crawford Dawes, *Sec.*, Philadelphia, Pa.

Scranton Pass. Ry. Co. Road not built. *Directors:* E. S. Moffatt, Scranton, Pa.; Isaac S. Case, Tobyhanna, Pa.; Charles E. Chittenden, Lewis A. Watres, Alex. J. Connell, Scranton, Pa. *Officers:* Lewis A. Watres, *Pres.;* Arthur H. Chinty, *Treas.*, Scranton, Pa.

Scranton Suburban Ry. Co. Chartered in 1884; road opened in 1885. Gauge, 4 ft. 8½ in.; rail, 35 and 52 lbs. Thomson-Houston system of electricity. Funded debt consists of 6 per cent. bonds, dated 1889, interest payable May and November. Dividends paid in November, 1889. Interest payable at the Farmers' Loan and Trust Co., N. Y. *Directors:* Geo. Sanderson, J. B. Dimmick, Isaac Post, Wm. J. Hand, Scranton, Pa.; A. J. Moulton, I. B. Newcomer, Wm. St. Thomas, New York, N. Y. *Officers:* Arthur J. Moulton, *Pres.*, New York, N. Y.; George Sanderson, *Vice-Pres.;* Horace E. Hand, *Sec. & Treas.;* J. H. Vanderver, *Gen. Supt.*, Scranton, Pa.

Second Avenue (Pittsburgh) Pass. Ry. Co. Funded debt, 1st mtge. 6 per cent. bonds, due July, 1902, interest January and July. *Directors:* Geo. Fawcett, James F. Fawcett, W. J. Fawcett, Geo. W. Fawcett, W. H. Collingwood, Pittsburgh, Pa. *Officers:* Geo. Fawcett, *Pres.;* James F. Fawcett, *Sec. & Gen. Man.;* Geo. W. Fawcett, *Gen. Supt.;* W. J. Fawcett, *Treas.* GENERAL OFFICE, Pittsburgh, Pa.

Second and Third Streets (Philadelphia) Pass. Ry. Co. *Directors:* Wm. Anspach, Andrew J. Holman, Wm. Eisenbrey, M. H. Stanton, Edwin T. Eisenbrey, Alexander L. Crawford, James McManus, William G. Fox, James A. Freeman, Horace T. Potts, Geo. Hoff, William Dulles, Philadelphia, Pa. *Officers:* Alexander M. Fox, *Pres.;* Albert H. Fracker, *Asst. to Pres.;* Charles D. Marlack, *Sec.;* Wm. F. Miller, *Treas.;* David W. Stephens and Charles C. Winnemore, *Gen. Supts.*, Philadelphia, Pa.

Seventeenth and Nineteenth Streets Pass. Ry. Co. Leased to the Philadelphia Traction Co. Funded debt consists of $100,000 5 per cent. bonds, due July, 1906, interest January and July. *Directors:* John L. Hill, Samuel Daniels, Geo. D. Widener, William L. Elkins, Jr., Wm. R. Leeds, Philadelphia, Pa. *Officers:* Matthew S. Quay, *Pres.;* John B. Peddle, *Sec. & Treas.*, 423 Walnut St., Philadelphia, Pa.

South Side (Pittsburgh) Pass. RR. Co. Funded debt, 5 per cent. bonds, due 1896 and 1901, interest April and October. *Directors:* D. Z. Brickell, W. T. Wallace, Thos. C. Lazar, William B. Brickell, Geo. B. Hill, A. Lippman, Pittsburgh, Pa.; James S. Alexander, Monongahela City, Pa. *Officers:* D. Z. Brickell, *Pres.;* W. T. Wallace, *Sec. & Treas.;* Wm. Roseborough, *Gen. Supt.*, Pittsburgh, Pa.

Squirrel Hill Electric RR. Co. Capital stock, $40,000. *Officers:* Geo. W. Morris, *Pres.;* Alex. Murdoch, *Vice-Pres.;* Robt. Q. Whitten, *Sec.;* J. M. Hoch, *Treas.* GENERAL OFFICE, 28 Lewis Building, Pittsburgh, Pa.

Stroudsburg Pass. Ry. Co. *Directors:* Jackson Lantz, P. S. Posten, Simpson Fetheman, Jacob Houser, Stroudsburg, Pa. *Officers:* Jackson Lantz, *Pres. & Treas.;* Jacob Houser, *Sec.;* Wm. Kistler, *Gen. Man.*, Stroudsburg, Pa.

Suburban Rapid Transit Electric Ry. Co. Chartered in 1888; road opened April 1, 1888. John Phillips, *Pres.;* Thos. A. Noble, *Sec., Treas. & Gen. Supt.*, 118 Drummond St., Pittsburgh, Pa.

Sunbury and Northumberland Street Ry. Co. Road not yet constructed. *Directors:* S. W. Kase, S. P. Wolverton, Sunbury; Wm. Foster, Philadelphia; W. I. Forsyth, Northumberland; W. Brady Piatt, Watsontown, Pa. *Officers:* H. E. Davis, *Pres.;* S. P. Wolverton, *Sec. & Treas.*, Sunbury, Pa.

Thirteenth and Fifteenth Streets Pass. Ry. Co. Chartered April 8, 1859; opened December 12, 1859. Funded debt consists of 7 per cent. 30-year bonds, dated 1873, due 1903, interest in April and October, and $70,000 mtges. Dividends payable January and July, at the office of the company. Interest payable at the Fidelity Trust Co., Philadelphia, Pa. *Directors:* Robert Creswell, Geo. W. Hall, W. R. Warner, John C. Bingham, Travis Cochran, Philadelphia, Pa. *Officers:* B. S. Kunkel, *Pres.;* Alex. Rennick, *Sec. & Treas.;* Wm. P. Cooper, *Gen. Supt.*, Philadelphia, Pa.

Transverse Passenger Ry. Co. Main line, 6½ miles; gauge, 5 ft. 2 in.; rail, 52 lbs. Cars, 39; horses, 243. Capital stock, $300,000. Leased to Citizens' Traction Co. *Officers:* C. L. Magee, *Pres.;* C. F. Klopfer, *Vice-Pres.;* Wm. R. Ford, *Sec. & Treas.;* Miller Eliot, *Supt.* GENERAL OFFICE, Pittsburgh, Pa.

Troy Hill Inclined Plane and Bridge Co. Funded debt consists of 6 per cent. bonds, due April 1, 1907, interest payable April and October. *Directors:* Jas. D. Callery, Jno. D. Scully, C. S. Wight, Thos. J. Groff, Thos. S. Bigelow, A. C. Davis, Pittsburgh, Pa.; Jno. N. Davidson, Geo. B. Hill, Jas. U. Grove, Allegheny, Pa. *Officers:* Jas. D. Callery, *Pres.;* C. S. Wight, *Sec.;* Wm. V. Callery, *Treas. & Gen. Man.*, Pittsburgh, Pa.

Union (Philadelphia) Pass. Ry. Co. Leased to the Philadelphia Traction Co. Funded debt consists of $250,000 5 per cent. bonds, due April, 1910, interest April and October; $500,000 5 per cent. bonds, due April, 1911, interest April and October. *Directors:* P. A. B. Widener, James McManes, Wm. L. Elkins, Henry Baum, Wm. S. Stokes, M. S. Quay, Philadelphia, Pa. *Officers:* Wm. H. Kemble, *Pres.;* P. A. B. Widener, *Vice-Pres.;* John B. Peddle, *Sec. & Treas.*, Philadelphia, Pa.

West End Passenger Ry. Co. *Directors:* Jno. C. Hager, Jno. S. Gleim, A. H. Summy, R. S. Herr, Michael Rielly, Lancaster, Pa. *Officers:* Jno. C. Hager, *Pres.;* Jno. C. Guerne, *Vice-Pres.;* A. H. Summy, *Gen. Man.;* R. S. Herr, *Supt.*, Lancaster, Pa.

West Philadelphia Pass. Ry. Co. Funded debt, 1st mtge. 6 per cent. bonds, due April, 1906, interest April and October; 2d mtge. 5 per cent. bonds, due May, 1926, interest May and November. Leased to the Philadelphia Traction Co. *Directors:* P. A. B. Widener, Wm. H. Kemble, W. L. Elkins, Joseph E. Gillingham, Geo. D. Widener, Thos. J. Yarrow, M.D., Thomas Dolan, James McManes, Jos. B. Altemus, Philadelphia, Pa. *Officers:* P. A. B. Widener, *Pres.;* D. W. Dickson, *Sec. & Treas.*, Philadelphia, Pa.

Wilkesbarre and Kingston Pass. Ry. Co. *Directors:* W. J. Harvey, H. H. Harvey, E. P. Darling, R. J. Flick, Wilkesbarre, Pa.; J. B. Smith, Kingston, Pa. *Officers:* W. J. Harvey, *Pres.;* A. J. Davis, *Sec. & Treas.;* W. J. Harvey, *Gen. Supt.*, Wilkesbarre, Pa.

Wilkesbarre and Suburban Street Ry. Co. *Directors:* J. W. Hollenback, C. A. Miner, Morgan B. Williams, M. L. Dreisbach, H. B. Carpenter, W. Leavenworth, Edward H. Chase, E. T. Long, Wilkesbarre, Pa.; O. B. Macknight, Plains, Pa. *Officers:* J. W. Hollenback, *Pres.;* M. L. Dreisbach, *Vice-Pres.;* Edward H. Chase, *Sec.;* Christian Walter, *Treas.;* W. A. Armstrong, *Supt.*, Wilkesbarre, Pa.

Wilkinsburg and East Liberty Ry. Co. Funded debt, $3,250 6 per cent. bonds, due 1906, interest payable annually. *Directors:* Edward Jay Allen, Wm. H. Allen, J. E. Schwartz, Wm. Rea, Pittsburgh, Pa. *Officers:* Edward Jay Allen, *Pres.;* Wm. H. Allen, *Sec. & Treas.*, Pittsburgh, Pa.

Williamsport Pass. Ry. Co. *Directors:* Robert P. Allen, H. C. Parsons, R. J. C. Walker, John R. T. Ryan, Chas. W. Scates, Williamsport, Pa. *Off-*

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cers: John Lausher, *Pres.;* Henry C. Parsons, *Vice-Pres.;* John G. Reading, Jr., *Sec.;* R. J. C. Walker, *Treas.;* Wm. Haines, *Gen. Supt.*, Williamsport, Pa.

York Street Ry. Co. Chartered February 8, 1886; road opened September 50, 1886. Dividends payable at office of treasurer. *Directors:* Frank Geise, Geo. C. Schmidt, Grier Hersh, John Fahs, C. S. Welser, D. K. Trimmer, York, Pa. *Officers:* W. H. Lanius, *Pres.;* D. K. Trimmer, *Sec.;* C. S. Welser, *Treas.;* W. H. Lanius, *Gen. Man.;* Jerry Fiddler, *Gen. Supt.*, York, Pa.

STATE OF RHODE ISLAND.

Newport Street Ry. Co. Main line, 3.89 miles; total track, 4.17 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; electric motors, 7; passenger cars, 6. Incorporated July 30, 1888. *Statement* for year ending September 30, 1889: Capital stock (common, $45,000; preferred, $30,000), $75,000. Earnings from 189,23[illegible] passengers, $8,488.64; other receipts, $50—total, $8,538.64; expenses, interest and taxes, $4,729.24. Surplus, $3,809.40. *Directors:* A. C. Titus, T. T. Pitman, A. S. Sherman, J. T. Cotton, Newport, R. I.; Eugene Griffin, Boston, Mass. *Officers:* A. C. Titus, *Pres.;* J. Truman Burdick, *Sec. & Treas.;* E. F. Hebard, *Supt.* GENERAL OFFICE, Newport, R. I.

Pawtucket Street Ry. Co. Main line, 8.4 miles; gauge, 4 ft.; rail, 54 lbs.; owns 126 horses and 24 cars. Incorporated July 18, 1885. *Statement* for year ending September 30, 1889: Capital stock, $200,000; floating debt, $29,500—total stock and debt, $229,500. Cost of road, $110,111.35; rolling stock, $23,108.36; horses, $17,640—total, $150,859.71. Earnings from passengers, $44,511.95; from all sources, $45,878.69. Expenses, interest and taxes, $45,638.28. Surplus, $240.41. Number of passengers carried, 893,431. *Executive Committee:* A. B. Chace, L. B. Darling, A. H. Littlefield. *Officers:* A. B. Chace, *Pres.*, Valley Falls, R. I.; John R. Bartlett, *Vice-Pres.*, Providence, R. I.; E. N. Littlefield, *Treas. & Sec.;* Eli W. Adams, *Supt.*, Pawtucket, R. I. GENERAL OFFICE, Pawtucket, R. I.

Providence Cable Tramway Co. Main line—cable, 3 miles; horses, 4½ miles—total, 7½ miles; gauge, 4 ft. 8½ in.; rail, 41 lbs.; cars, 28; horses, 100. Opened for business January 1, 1890. Capital stock, paid up, $300,000. *Directors:* Walter Richmond, Chas. Fletcher, Henry G. Russell, Geo. W. Butts, Joseph Banigan, Frank E. Richmond, Alfred E. Stone, Providence, R. I. *Officers:* Walter Richmond, *Pres.;* Alfred Stone, *Sec. & Treas.* GENERAL OFFICE, Providence, R. I.

Union RR. Co. Main lines, 55.34 miles; gauge, 4 ft. 8½ in.; rail, 40 and 47 lbs.; owns 1,525 horses and 289 cars. Chartered January, 1865; opened February, 1865. *Statement* year ending September 30, 1889—Earnings (from passengers carried, 16,553,965), $839,635.69; other sources, $11,838.69—total, $851,474.38. Operating expenses and taxes, $686,108.22. Net earnings, $165,366.16, from which was paid quarterly dividends in January, April, July and October, $120,000; leaving surplus, $45,366.16—total surplus, $426,787.09. *Financial Statement*, September 30, 1889—Capital stock, $1,500,000; income balance, $426,787.09—total liabilities, $1,926,787.09. *Contra:* Cost of road and equipment, $1,218,626.92; stocks and other investments, $70,000; all other assets, $638,160.17—total assets, $1,926,787.09. *Directors:* Jesse Metcalf, Lucian Sharpe, Wm. H. Hopkins, B. A. Jackson, Charles D. Owen, S. O. Metcalf, Providence, R. I.; D. F. Longstreet, Boston, Mass. *Officers:* Jesse Metcalf, *Pres.;* Lucian Sharpe, *Vice-Pres.;* C. A. Babcock, *Sec. & Treas.;* J. R. Bartlett, *Gen. Man.;* A. T. Potter, *Supt.;* B. A. Jackson, *Auditor.* GENERAL OFFICE, Providence, R. I.

Woonsocket Street Ry. Co. Main line, 5.33 miles; total track, 6.21 miles; gauge, 4 ft. 8½ in.; rail, 30 and 50 lbs.; owns 36 horses and 10 cars; also 2 other vehicles. Motive power to be changed to electricity. Incorporated June 4, 1886; road opened August 4, 1887. *Statement* for year ending September 30, 1889.—Capital stock (authorized, $100,000); paid in, $24,000; funded debt (5 per cent. bonds), $50,000; floating debt, $2,500—total stock and debt, $85,500. Earnings from 300,505 passengers, $15,026.75; from all sources, $18,295.75. Expenses, taxes and interest, $17,117.44. Surplus, $1,182.31. *Directors;* Jas. P. Ray, Edgar K. Ray, F. L. O'Reilly, L. B. Pease, L. L. Chilson, Nelson Jenckes, O. J. Rathbun, Willard Kent, Woonsocket, R. I.; F. G. Jillson, Providence, R. I. *Officers:* O. J. Rathbun, *Pres.;* Willard Kent, *Sec. & Treas. & Gen. Man.* GENERAL OFFICE, No. 244 Main St., Woonsocket, R. I.

STATE OF SOUTH CAROLINA.

Charleston City Ry. Co. Main line, 13 miles; gauge, 4 ft. 8 in.; rail, 38 and 42 lbs.; owns 136 horses and mules, 35 cars and 3 other vehicles. *Directors:* John S. Riggs, R. Seigling, Andrew Simonds, Henry Burst, H. H. De Leon, F. J. Peizer, George W. Williams, J. L. Tobias, Charleston, S. C. *Officers:* John S. Riggs, *Pres. & Pur. Agt.;* Evan Edwards, *Sec. & Treas.;* Frank F. Whilden, *Asst. Sec. & Treas.;* John H. Mohlenhoff, *Supt.* GENERAL OFFICE, 4 Broad St., Charleston, S. C.

Columbia Street Ry. Co. Main line, 4.5 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; owns 30 horses, 6 cars, and 1 mule. Wm. Rotch, *Pres.;* W. S. Opdyke, *Sec. & Treas.;* W. D. Starling, *Supt.* GENERAL OFFICE, Columbia, S. C.

Enterprise RR. Co. Main line, 15 miles; gauge, 5 ft.; rail, 42 lbs.; owns 29 passenger cars, 10 freight cars, 95 horses and mules. *Directors:* C. S. Gadsderd, Thos. Frost, C. C. Olney, I. C. Mallonee, S. S. Solomon, A. Canale, Charleston, S. C.; B. F. Newcomer, Baltimore, Md. *Officers:* A. F. Ravenel, *Pres.;* W. E. Hayne, *Sec. & Treas.;* J. W. Passailaigne, *Supt.* GENERAL OFFICE, Charleston, S. C.

Gilreath, Harris & Co.'s Street RR. Main line, 4.5 miles; owns 20 mules and 10 cars. GENERAL OFFICE, Greenville, S. C.

Greenville Street Ry. Co. Main line, 2.25 miles; gauge, 5 ft.; rail, 16 lbs.; owns 30 mules and 7 cars. T. C. Guver, *Pres.;* G. G. Wells, *Sec.;* P. H. Reilly, *Supt.* GENERAL OFFICE, 104 Washington St., Greenville, S. C.

Middle Street and Sullivan's Island Ry. Co. Main line, 2.50 miles; gauge, 4 ft. 8½ in.; rail, 20 lbs.; owns 14 horses and 7 cars. B. Callaghan, *Pres.;* F. F. Whilden, *Sec. & Treas.*, Charleston, S. C.; B. Buckley, *Supt.*, Moultrieville, S. C. GENERAL OFFICE, 4 Broad St., Charleston, S. C.

STATE OF TENNESSEE.

Athens Street Ry. Co. Main line, 1 mile; gauge, 4 ft. 8½ in.; rail, 20 lbs.; owns 1 car and 2 mules. W. M. Nixon, *Pres.;* R. J. Fisher, *Sec. & Treas.* GENERAL OFFICE, Athens, Tenn.

Bristol Street Car Co. Main line, 1.5 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs. Chartered in May, 1887. Owns 12 horses and 4 cars. Passengers carried in 1889, 14,000. Jas. W. Barker, *Pres.;* A. D. Reynolds, *Sec. & Treas.;* F. S. Sampson, *Supt.* GENERAL OFFICE, Bristol, Tenn.

Chattanooga Electric Street RR. Co. Main line, 12 miles; gauge, 4 ft. 8½ in.; rail, 25 lbs. Sprague system of electricity. Owns 4 cars. Chas. A. Lyerly, *Pres.;* E. Watkins, *Vice-Pres.;* C. V. Brower, *Treas.;* E. Scott, *Sec. & Supt.;* S. W. Divine, *Gen. Man.;* A. J. Baird, *Aud.* GENERAL OFFICE, Chattanooga, Tenn.

Chattanooga Union Ry. Co. Main line, 38 miles; gauge, 4 ft. 8½ in.; rail, 56 lbs.; cars—passenger, 17; freight, 38. Dummy line. C. E. James, *Pres.;* G. S. Adams, *Vice-Pres.;* W. E. Baskett, *Sec.;* F. Harris, *Treas.;* H. Bowron, *Supt.* GENERAL OFFICE, Chattanooga, Tenn.

Citizens' Street Ry. Co. of Shelby County. Main line, 40.5 miles; gauge, 4 ft 8½ in. and 5 ft.; rail, 38 and 45 lbs.; owns 618 mules and 260 cars. Chartered May 23, 1866; road opened July, 1886. Gross earnings, year ending December 31, 1888, $311,000. Operating expenses, $170,000. Net earnings, $141,000; from which was paid interest on bonds, $60,000, leaving surplus, $81,000. Capital stock, $1,000,000; funded debt, $1,000,000 6 per cent. bonds, due 1916, interest payable January and July, at New York and Memphis, Napoleon Hill, *Pres.;* Thos. Barrett, *Vice-Pres. & Gen. Man.;* S. P. Read, Jr., *Treas.;* R. Dudley Frayser, *Sec.* GENERAL OFFICE, Memphis, Tenn.

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City and Suburban Ry. Co. Main line, 4.5 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs. Chartered January 29, 1890, and succeeded, by purchase under foreclosure, the Memphis and Prospect Park RR. Co. and the Prospect Park and Belt RR. Co. Road to be operated by electricity. Capital stock, $100,000, with power to increase. *Directors:* Geo. Arnold, Holmes Cummins, W. M. Sneed, C. N. Grosvenor, F. H. White, T. F. Duffin, S. Tate, Jr., T. J. Latham, J. C. Neely. *Officers:* Holmes Cummins, *Pres.;* Jno. L. Norton, *Sec. & Treas.* GENERAL OFFICE, Memphis, Tenn.

City Street RR. Co. Main line, 22 miles; gauge, 4 ft. 8½ in.; rail, 25 and 50 lbs.; owns 164 mules and 34 cars. Chas. A. Lyerly, *Pres.;* E. Watkins, *Vice-Pres.;* S. W. Divine, *Sec., Treas. & Gen. Man.;* A. J. Baird, *Auditor;* T. N. Van Dyke, *Supt.* GENERAL OFFICE, Chattanooga, Tenn.

Clarksville Street Ry. Co. Main line, 2 miles; gauge, 4 ft. 8 in.; rail, 16 lbs. Capital stock, $6,300. Owns 18 horses and 3 cars. J. F. Shelton, *Pres.;* J. W. Faxon, *Sec., Treas.*, etc. GENERAL OFFICE, Clarksville, Tenn.

Cleveland Street Ry. Co. Main line, 1.50 miles; gauge, 4 ft. 8½ in.; rail, 24 lbs.; owns 2 cars and 6 horses. Geo. T. Hall, *Pres.;* Jno. Steed, *Sec. & Treas.;* G. R. Lynch, *Supt.* GENERAL OFFICE, Cleveland, Tenn.

Columbia Street Ry. Co. Main line, 2 miles; sidings, 4 miles; gauge, 5 ft. 8 in.; owns 4 cars and 7 horses. Operations for 1889: passengers carried, 73,000; earnings, $2,900; expenses, $2,700; net earnings, $200. Capital stock, $50,000. Cost of road, $15,000. J. T. Craik, *Pres.;* J. H. Dew, *Sec. & Gen. Man.;* E. C. McDowell, *Treas.;* J. M. Sullivan, *Supt.* GENERAL OFFICE, 57 High St., Columbia, Tenn.

East End Ry. Co. Main line, 10 miles; gauge, 4 ft. 8½ in.; rail, 36 lbs.; owns 10 cars and 3 steam motors. W. M. Sneed, *Pres.;* B. M. Stratton, *Vice-Pres.;* J. R. Long, *Sec.;* W. D. Bethell, *Treas.;* G. H. Bunch, *Supt.* GENERAL OFFICE, Memphis, Tenn.

Elmwood Street RR. Co. Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; owns 2 cars. A. P. White, *Pres.;* J. Lipscomb, *Sec. & Treas.* GENERAL OFFICE, Knoxville, Tenn.

Jackson and Suburban Street Ry. Co. Main line, 4.25 miles; gauge, 4 ft.; rail, 30 lbs.; owns 11 cars and 35 horses. Capital stock, $50,000. Jno. L. Wisdom, *Pres.;* J. R. Key, *Sec.;* First Nat. Bank of Jackson, Tenn., *Treas.* GENERAL OFFICE, Jackson, Tenn.

Jackson Mound Park RR. Co. (Electric). Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs.; owns 8 cars. H. Cummins, *Pres.;* Jno. W. Cochrane, *Treas.;* Theo. Kockel, *Sec.;* S. Coleman, *Gen. Man.* GENERAL OFFICE, Memphis, Tenn.

Knoxville Belt RR. Co. Main line, 8.33 miles; gauge, 4 ft. 8½ in.; rail, 60 lbs.; owns 4 cars and 2 engines. W. R. Tuttle, *Pres.;* I. S. Frierson, *Sec.;* Sam House, *Treas.* GENERAL OFFICE, Knoxville, Tenn.

Knoxville Street RR. Co. Main line, 18.6 miles; gauge, 4 ft. 8½ in.; rail; 26 to 45 lbs. During 1889 the Market Square Street RR. Co., the Marby & Belle Ave. Street RR. Co. and the Knoxville Street RR. Co. were consolidated—the consolidated company retaining the name of the Knoxville Street RR. Co. Owns 100 horses and mules, 22 cars and 5 other vehicles. Capital stock, $44,000. W. G. McAdoo, Jr., *Pres.;* F. K. E. Huger, *Vice-Pres.;* M. R. McAdoo, *Treas. & Gen. Man.;* S. G. Heiskell, *Sec.* GENERAL OFFICE, 72 and 74 Gay St., Knoxville, Tenn.

Main Street and Gallatin Pike Street RR. Co. Main line, 1 mile; rail, 30 lbs. Not yet in operation. W. C. Dibrell, *Pres.;* W. T. Smith, *Sec. & Treas.* GENERAL OFFICE, Nashville, Tenn.

McGavack and Mt. Vernon Horse RR. Co. Main line, 16.5 miles; gauge, 5 ft.; rail, 16 to 40 lbs.; owns 225 mules and 50 cars. John P. White, *Pres.;* J. H. Fall, *Vice-Pres.;* H. B. Stubblefield, *Sec., Treas. & Supt. & P. A.;* S. H. Pearcy, *Asst. Supt.* GENERAL OFFICE, Nashville, Tenn.

Memphis and Fort Pickering Street Ry. Co. Main line, 6 miles; gauge, 4 ft. 9 in.; rail, 30 lbs.; cars, 10; horses, 30. G. V. Rambaut, *Pres.;* D. E. Meyer, *Sec.* GENERAL OFFICE, Memphis, Tenn.

Memphis and Prospect Park RR. Co. Main line, 5 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs. Dummy engines, 4. Capital stock, $100,000. *Officers:* T. J. Latham, *Pres.;* J. A. Van Hoose, *Vice-Pres.;* T. A. Lamb, *Sec. & Treas.* GENERAL OFFICE, Memphis, Tenn.

Nashville and Edgefield Street RR. Co. Main line, 8 miles; gauge, 5 ft.; rail, 16 to 38 lbs.; owns 101 mules and 21 cars. Road opened Nov. 1, 1867. Operated by Sprague system of electricity. Capital stock, $250,000. W. C. Dibrell, *Pres.;* W. T. Smith, *Sec. & Treas.;* T. R. Donahue, *Gen. Supt.* GENERAL OFFICE, Nashville, Tenn.

Nashville and West Nashville Ry. Co. Main line, 8 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs.; owns 4 steam motors and 8 cars. Wm. Morrow, *Pres. & Gen. Man.;* W. J. Freeman, *Sec. & Treas.* GENERAL OFFICE, 311 Union St., Nashville, Tenn.

Overland Ry. Co. Main line, 9.5 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs.; owns 12 cars and 6 motors. Capital stock, $100,000. O. F. Noel, *Pres.;* J. F. Caldwell, *Sec. & Treas.* GENERAL OFFICE, Nashville, Tenn.

South Nashville Street RR. Co. Main line, 4.75 miles; gauge, 5 ft.; rail, 16 to 30 lbs. Sprague system of electricity. Owns 70 mules and 10 cars. *Directors:* W. M. Duncan, S. L. Demoville, Edgar Jones, D. F. Wilkin, John Whorley, S. J. Keith, John F. Fletcher. Nashville, Tenn. *Officers:* W. M. Duncan, *Pres.;* C. L. Fuller, *Sec., Treas. & Supt.* GENERAL OFFICE, Franklin, cor. Cherry St., Nashville, Tenn.

South Side and Market Square RR. Co. Main line, 2 miles; owns 2 cars and 12 horses. A. Schubert, *Pres.;* P. Kern, *Sec.* GENERAL OFFICE, Knoxville, Tenn.

The Athens Mineral Land and Improvement Co. Main line, 2.5 miles; rail, 20 lbs.; owns 2 cars and 4 mules. Capital stock, $25,000. W. M. Nixon, *Pres. & Gen. Man.;* R. J. Fisher, *Sec. & Treas.* GENERAL OFFICE, Athens, Tenn.

United Electric Ry. Co. Formed by consolidation of all street car lines in Nashville, Tenn. Main line, 52 miles; gauge, 5 feet; rail, 35 to 50 lbs. *Officers:* T. W. Wrenne, *Pres.;* J. T. Rhea, *Vice-Pres.;* F. M. Morrow, *Sec.;* G. W. Cunningham, *Treas.* GENERAL OFFICE, Nashville, Tenn.

West End Street RR. Co. Main line, 2 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; owns 4 cars and 20 horses. B. R. Strong, *Pres.;* B. Braine, *Vice-Pres.;* W. H. Simmonds, *Treas. & Sec.* GENERAL OFFICE, 148 Gay St., Knoxville, Tenn.

STATE OF TEXAS.

Austin Street Ry. Co. Main line, 10 miles; gauge, 3 ft. 6 in.; rail, 20 and 30 lbs.; owns 108 horses and mules, and 28 cars. Thomas J. Hurley, *Pres.;* Ira H. Evans, *Vice-Pres.;* Chas. T. Hicks, *Treas., Sec., Pur. Agt. & Supt.* GENERAL OFFICE, Austin, Tex.

Bayou City Street Ry. Co. Main line, 14 miles; gauge, 4 ft. 8½ in.; rail, 25 lbs.; cars owned, 41; mules, 125. Cost of road and equipment, $125,000. J. C. Lemque, *Pres.*, Galveston, Tex.; Henry Fruend, *Vice-Pres. & Gen. Man.* GENERAL OFFICE, Houston, Tex.

City Ry. Co. Main line, 1 mile; gauge, 4 ft. 8½ in.; rail, 26 lbs.; cars, 2; mules, 5. Ira O. Wyse, *Pres.;* F. P. Alexander, *Sec.;* J. P. Watson, *Supt. & Pur. Agt.* GENERAL OFFICE, Greenville, Tex.

Corsicana Street Ry. Co. Main line, 4.25 miles; gauge, 4 ft. 8½ in.; rail (steel), 60 lbs.; owns 6 cars and 28 mules. Capital stock, $25,500; cost of road, etc., $40,000. B. G. McKie, *Pres.;* J. E. Whiteselle, *Vice-Pres.;* W. J. McKie, *Sec. & Treas.* GENERAL OFFICE, Corsicana, Tex.

Dallas and Oak Cliff Ry. Co. Main line, 10 miles; gauge, 4 ft. 8½ in.; rail, 35 and 65 lbs. Chartered in May, 1887; road opened in February, 1889. Owns 4 motors and 25 cars. Capital stock, $460,000. T. L. Marsalis, *Pres.;* J. T. Elliot, *Vice-Pres.;* Jas. McAleer, *Treas.;* E. L. Snodgrass, *Sec. & Supt.* GENERAL OFFICE, Dallas, Tex.

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Dallas Consolidated Street Ry. Co. Main line, 14 miles; gauge, 4 ft. 8½ in.; rail, 20 to 40 lbs.; owns 279 mules and 62 cars. Formed by the uniting of all the street car lines in Dallas, under the above name. J. E. Schneider, *Pres.;* R. A. Ferris, *Vice-Pres & Gen. Man.;* J. T. Trezevant, *Sec.;* N. A. McMillan, *Treas.;* M. J. Keenan, *Supt.* GENERAL OFFICE, 213 Main St., Dallas, Tex.

Denison Rapid Transit Ry. Co. Main line, 6.50 miles; gauge, 3 ft. 6 in.; rail, 16 lbs.; cars, 4; dummy engines, 2. Chartered May 6, 1889; road opened November 22, 1889. The road is owned and operated by the Denison Land and Investment Co. W. P. Rice, *Pres.;* A. L. Berry, *Sec. & Treas.;* B. J. Derby, *Supt.* GENERAL OFFICE, Denison, Tex.

Denison Street Ry. Co. Main line, 4 miles; gauge, 3 ft. 6 in.; rail, 16 lbs.; owns 34 mules and 9 cars. W. P. Rice, *Pres.;* A. L. Berry, *Sec. & Treas.;* B. J. Derby, *Supt.* GENERAL OFFICE, Denison, Tex.

El Paso Street Ry. Co. Main line, 6 miles; gauge, 4 ft. 8½ in.; rail, 20 and 30 lbs.; owns 55 mules and 13 cars. J. F. Crosby, *Pres.;* Jos. Moljoflin, *Vice-Pres.;* T. L. Ennis, *Sec. & Supt.;* C. R. Morehead, *Treas.* GENERAL OFFICE, 175 Seventh St., El Paso, Tex.

Fort Worth Land and Street Ry. Co. Main line, 16 miles. Fisher-Rae electric system. E. E. Chase, *Pres.;* Walter Potter, *Vice-Pres.;* A. B. Smith, *Treas.;* Thos. J. Hurley, *Sec.* GENERAL OFFICE, Fort Worth, Tex.

Fort Worth Street Railway Co. Main line, 7.5 miles; gauge, 4 ft.; rail, 25 and 38 lbs.; owns 96 mules and 16 cars. *Directors:* K. M. Van Zandt, W. A. Huffman, Morgan Jones, J. P. Smith, T. A. Tidbolt, Fort Worth, Tex. *Officers:* K. M. Van Zandt, *Pres.;* Morgan Jones, *Vice-Pres.;* J. P. Smith, *Sec.;* W. A. Huffman, *Treas.;* J. T. Payne, *Supt.;* Tom Trawnor, *Mast. Tr. Rep.* GENERAL OFFICE, Fort Worth, Tex.

Gainesville Street Ry. Co. Main line, 3 miles; gauge, 3 ft. 6 in.; rail, 16 lbs.; owns 21 horses, 16 mules and 6 cars. Thos. J. Hurley, *Pres.;* G. L. Hurley, *Vice-Pres.;* A. A. Green, Sr., *Sec.;* C. E. Perry, *Treas. & Man.* GENERAL OFFICE, Gainesville, Tex.

Galveston City RR. Co. Main line, 30 miles; gauge, 4 ft. 8½ in.; rail, 25 and 30 lbs.; owns 260 mules and 70 cars. Chartered October, 1866. *Operations* for year ending December 31, 1889.—Passengers carried, 2,454,524. Earnings—passenger, $122,726.20; other, $3,348.81—total, $126,075.01. Operating expenses and taxes, $77,012.05. Net earnings, $49,062.76, from which was paid interest $20,067.30, leaving a surplus of $28,995.66. *Financial Statement*, December 31, 1889.—Capital stock, $302,723.50; funded debt, $100,000 1st mtge. 6 per cent. bonds, only July, 1893, interest payable January and July; $100,000 2d mtge. 6 per cent. bonds, due March, 1894, interest payable March and September; and $100,000 6 per cent. general mtge. bonds, due September, 1919, interest payable March and September at Galveston and New York; unfunded debt, $4,382.97; income balance, $164,093.78—total liabilities, $771,199.55. *Contra:* Cost of road and equipment, $514,698.35; stocks and other investments, $237,357.72; all other assets, $19,143.48—total assets, $771,199.55. The authorized issue of general mortgage bonds is $300,000, of which $200,000 are reserved to redeem the first and second mortgage bonds at maturity. *Directors:* W. H. Sinclair, R. L. Fulton, A. R. Campbell, J. Lobit, Leon Blum, D. Freeman, A. J. Walker. *Officers:* Wm. H. Sinclair, *Pres. & Supt.;* H. Kellner, *Sec. & Treas.* GENERAL OFFICE, Avenue I and Twenty-first Street, Galveston, Tex.

Gulf City Street Ry. and Real Estate Co. Main line, 10 miles; gauge, 4 ft.; rail, 25 and 30 lbs.; owns 54 mules and 16 cars. Chartered November 26, 1883. *Operations* for year ending December 31, 1889.—Passengers carried, 280,244. Earnings (passenger), $14,012.30. Expenses and taxes, $8,670.80. Net earnings, $5,341.40. Paid interest on bonds, $4,059.24—surplus, $1,282.16. Capital stock, $4,230; funded debt, $80,000 1st mtge. 6 per cent. 33-year bonds, due in 1919, interest payable March and September—total liabilities, $84,230. Cost of road and equipment, $84,230. Interest on bonds payable at New York, N. Y.; dividends payable at Galveston, Tex. *Directors:* J. H. Burnett, W. H. Sinclair, A. J. Walker, Ben Blum, J. B. Stubbs, P. S. Wren, Louis Schmidt. *Officers:* J. H. Burnett, *Pres.;* P. S. Wren, *Sec. & Treas.* GENERAL OFFICE, Avenue I and 21st Street, Galveston, Tex.

Houston City Street Ry. Co. Main line, 14.2 miles; gauge, 4 ft. 8½ in.; rail, 20 and 30 lbs.; owns 120 mules and 40 cars. Passengers carried, 1,597,395. Gross earnings (1889), $81,075.71. Operating expenses, $57,119. Net earnings, $24,956.71, from which was paid interest on bonds, $9,940, leaving surplus, $14,016.71. *Financial Statement* for 1889.—Capital stock, $100,000; funded debt, $142,000 1st mtge. 7 per cent. 15-year bonds, due July 1, 1899, interest payable at Houston and New York; unfunded debt, $12,023.73—total liabilities, $254,023.73. *Contra:* Cost of road and equipment, 238,503.07; stocks and other investments, $50,991.77; all others assets, $16,073.62—total assets, $305,568.46. *Directors:* C. B. Holmes, William Dickinson, Chicago, Ill.; W. H. Sinclair, Galveston, Tex.; E. P. Hill, W. D. Cleveland, T. W. House, H. F. MacGregor, Houston, Tex. *Officers:* Wm. H. Sinclair, *Pres.*, Galveston, Tex.; C. B. Holmes, *Vice-Pres.;* H. F. MacGregor, *Sec.;* Fred. Mundes, *Gen. Man.* GENERAL OFFICE, Houston, Tex.

International Bridge and Tramway Co. Main line, 5 miles; gauge, 4 ft.; rail, 20 lbs.; owns 50 mules and 10 cars. P. Ornelas, *Pres.* GENERAL OFFICE, Laredo, Tex.

Laredo Street Ry. Co. Main line, 5 miles; gauge, 4 ft. 8½ in.; rail, 25 lbs. Motor cars, 7. Sprague system of electricity. GENERAL OFFICE, Laredo, Tex.

Longview and Junction Street Railway Co. Main line, 3.25 miles; gauge, 3 ft. 6 in.; rail, 16 lbs.; owns 4 horses and 2 cars. W. S. Mayfield, *Pres.;* R. B. Levey, *Sec.;* F. S. Wimley, *Treas.;* C. W. Booth, *Supt.* GENERAL OFFICE, 313 Tyler St., Longview, Tex.

Marshall Street Ry. Co. Main line, 1 mile; gauge, 4 ft. 8½ in.; owns 6 horses and 3 cars. Road opened December 1, 1887. Capital stock, $7,500; funded debt, $2,500 (secured by 1st mtge. lien). Cost of road and equipment, $10,000. W. L. Sloan, *Pres.;* Chas. Cobb, Jr., *Sec. & Treas.;* Jas. McKenna, *Supt.* GENERAL OFFICE, Marshall, Tex.

North Dallas Circuit Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs. Motor cars, 6. Operated by Thomson-Houston system of electricity. Capital stock, $100,000; funded debt, $100,000 6 per cent 30-year bonds. *Officers:* E. Sweeney, *Pres.;* N. A. McMillin, *Sec. & Treas.* GENERAL OFFICE, 827 Main St., Dallas, Tex.

North Side Street RR. Co. Main line, 7.50 miles; gauge, 4 ft.; rail, 25 and 38 lbs.; cars, 25. Electricity used for motive power. W. A. Huffman, *Pres.;* J. P. Smith, *Vice-Pres.;* A. T. Byers, *Sec. & Treas.;* J. T. Payne, *Supt.* GENERAL OFFICE, Ft. Worth, Tex.

Paris Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 22 and 36 lbs.; owns 30 horses, 6 passenger, and 2 freight cars. Chartered March 9, 1878; road opened about September 1, 1878. *Operations* for year ending December 31, 1889.—Passengers carried, 136,589. Earnings, $6,819.46; expenses, $3,886.42. Net earnings, $2,933.04. Paid dividend of 8 per cent. on June 30, 1889, $2,400, leaving surplus, $533.04. Capital stock (authorized, $50,000), $40,000. *Contra:* Cost of road and equipment, $40,150; other assets, $6,530—total assets, $46,680. Dividends payable at Paris, Tex. D. H. Scott, *Pres.;* B. J. Baldwin, Jr., *Sec. & Treas.;* R. F. Grimes, *Supt.* GENERAL OFFICE, Paris, Tex.

Prospect Hill Street Railway Co. Main line, 3 miles; gauge, 4 ft.; rail, 16 lbs.; owns 3 horses and 1 car. Sam Meverick, *Pres.;* L. W. Menger, *Treas.;* L. Garza, *Sec.;* P. J. Moss, *Supt.* GENERAL OFFICE, 210 Main Plaza, San Antonio, Tex.

San Antonio Street Railway Co. Main line, 18 miles; gauge, 4 ft.; rail, 30 and 38 lbs.; owns 200 mules, 40 cars and 25 other vehicles. Passengers carried in 1889, 1,500,000. Funded debt, 7 per cent. 20-year coupon bonds, due in 1905, interest payable February and August—authorized, $200,000; outstanding, $168,500. *Directors:* J. Belknap, A. P. Belknap, J. B. Weiss, W. H. Weiss, San Antonio, Tex.; F. W. Pickard, New York, N. Y. *Officers:* W. H. Weiss, *Pres. & Treas.;* E. R. Norton, *Sec.;* J. W. Green, *Supt.* GENERAL OFFICE, San Antonio, Tex.

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Sherman City Street Ry. Co. Main line, 4 miles; gauge, 5 ft.; rail, 16 and 20 lbs.; owns 54 mules and 11 cars. *Directors:* C. W. Batsell, J. M. Batsell, C. W. Batsell, Jr., Sherman, Tex. *Officers:* C. W. Batsell, *Pres. & Supt.;* C. W. Batsell, Jr., *Treas.;* J. M. Batsell, *Sec.* GENERAL OFFICE, 402 Crocket St., Sherman, Tex.

Victoria Street Car and Improvement Co. Main line, 2.25 miles; gauge, 4 ft.; rail, 24 lbs. Chartered May 28, 1888; road opened November 28, 1888. Cars, 3; mules, 12. Net earnings since opening the road, $500. Capital stock (par, $50), $25,000; unfunded debt, $1,500. Cost of road and equipment, $9,000. L. D. Heaton, *Pres.;* J. M. Brownson, *Vice-Pres.;* Chas. G. Levi, *Sec. & Treas.;* C. L. Thurmond, Sr., *Gen. Supt.* GENERAL OFFICE, Victoria, Tex.

Waco Street Ry. Co. Main line, 13 miles; gauge, 4 ft. 8½ in.; rail, 25, 30 and 35 lbs.; owns 75 horses and 26 cars. Chartered February 10, 1877; road opened May 1, 1877. Cost of road and equipment, $125,000; real estate, $25,000. *Directors:* Ed. Rotan, W. R. Kellum, J. C. Walker, W. V. Fort, F. W. Fort, Waco, Tex. *Officers:* Ed. Rotan, *Pres.;* F. W. Fort, *Vice-Pres. & Treas.;* J. W. Sedberry, *Sec.;* W. H. Long, *Supt.* GENERAL OFFICE, 178 North Fourth St., Waco, Tex.

Waxahachie Street Ry. Co. Main line, 2 miles; gauge, 4 ft. 8½ in.; rail, 42 lbs. Chartered in September, 1887; road opened December 17, 1889. Cars, 2; horses, 14. Average rate of fare, 5 cents. *Earnings, Expenses, etc.,* from December 17, 1889, to May 31, 1890.—Earnings—passenger, $750; other sources, $250—total, $1,000. Expenses, $700. Net earnings, $300. Paid interest on bonds, $250. *Financial Statement:* Capital stock, authorized, $250,000; funded debt, $100,000 1st mortgage 5 per cent. 30-year bonds, dated October 1, 1889, interest payable April and October, at Dallas, Tex. Dividends payable annually at Waxahachie, Tex. *Officers:* T. A. Ferris, *Pres.;* Oscar Goodwin, *Sec., Treas. & Supt.* GENERAL OFFICE, Waxahachie, Tex.

Weatherford City and Suburban RR. Co. Main line, 2.5 miles; gauge, 4 ft. 8½ in.; rail, 16 lbs.; cars, 2; horses, 6. Capital stock, $100,000. T. R. Stone, *Pres. & Treas.;* Austin Kerr, *Sec.* GENERAL OFFICE, Weatherford, Tex.

Weatherford Street Ry. Co. Now being constructed. G. M. Bowie, *Pres.;* C. H. Millikin, *Treas.;* Jas. L. Simmons, *Sec.;* L. M. Bailey, *Supt.* GENERAL OFFICE, Weatherford, Tex.

TERRITORY OF UTAH.

Ogden City Ry. Co. Main line, 10 miles; gauge, 4 ft. 8½ in.; rail, 20 to 35 lbs.; owns 19 cars, 5 steam motors and 30 horses. Robt. Robinson, *Pres.;* H. K. Thurber, *Vice-Pres.;* W. R. Swan, *Sec. & Treas.;* A. H. Swan, *Gen. Man. & Supt.* GENERAL OFFICE, Ogden City, Utah.

Salt Lake City RR. Co. Main line, 16 miles; gauge, 4 ft. 8½ in.; rail, 20 to 35 lbs.; owns 150 mules, and horses and 30 (10 electric) cars. Sprague system of electricity. A. W. Coon, *Pres.;* H. C. Chambers, *Vice-Pres.;* Jos. S. Wells, *Sec.;* Heber M. Wells, *Treas.;* Walter P. Read, *Supt.* GENERAL OFFICE, Salt Lake City, Utah.

STATE OF VERMONT.

Rutland Street Ry. Co. Main line, 8.75 miles; gauge, 4 ft. 8½ in.; rail, 20 lbs.; owns 30 horses and 8 cars. *Directors:* J. N. Woodfire, J. W. Cranton, M. McKeogh, A. H. Tuttle, J. N. Woodfire, T. J. Lyon, J. A. Sheldon, Rutland, Vt. *Officers:* J. N. Woodfire, *Pres.;* F. A. Field, *Sec.;* M. Quinn, *Treas.;* Michael McKeogh, *Supt.* GENERAL OFFICE, Rutland, Vt.

Winooski and Burlington Horse RR. Co. Main line, 6 miles; gauge, 4 ft. 8½ in.; rail, 25 lbs.; chartered October 3, 1872; road opened November 13, 1885; owns 30 horses, 8 cars and 3 other vehicles. Capital stock, $40,000; funded debt, $15,000. *Directors:* Elias Lyman, L. H. Turk, Geo. F. Pope, J. D. Hatch, K. B. Walker, Burlington, Vt. *Officers:* G. F. Pope, *Pres.;* F. H. Parker, *Sec.;* L. H. Turk, *Treas.;* K. B. Walker, *Supt.* GENERAL OFFICE, Burlington, Vt.

STATE OF VIRGINIA.

Charlottesville and University Street Ry. Co. Main line, 1.5 miles; gauge, 4 ft. 8½ in.; rail, 16 lbs.; owns 16 horses and 4 cars; average rate of fare, 5 cents; chartered March 24, 1887; opened May 14, 1887. Earnings for 1889: passengers, $5,704; other sources, $197—total, $5,901. Expenses and taxes, $2,366. Net earnings, $3,535. Paid interest, $600; surplus, $2,935. Interest and dividends payable at Charlottesville, Va. Capital stock, $10,000; funded debt authorized, 6 per cent. 20-year bonds, due 1907; interest payable May and November; none outstanding. *Contra:* Cost of road and equipment, $10,000; other assets, $150—total, $10,150. R. P. Valentine, *Pres. & Treas.;* H. D. Porter, *Supt.* GENERAL OFFICE, Main St., Charlottesville, Va.

City Street Car Co. Cars, 12; horses, 100. *Officers:* Samuel B. Adams, *Pres.,* Little Rock, Ark.; Andrew Spotts, *Treas.,* New York, N. Y.; R. D. Apperson, *Man.,* Staunton, Va. GENERAL OFFICE, Staunton, Va.

Danville (Electric) Street Car Co. Main line, 2 miles: sidings, 3 miles; gauge, 4 ft. 8½ in.; rail, 38 lbs.; owns 6 electric and 1 tow car and 1 snow plow; chartered October 8, 1886; opened August 15, 1887. Passengers carried year ending June 30, 1889—273,601; cars run, 116,800 miles. Gross earnings, year ending June 30, 1889, $12,932.68; expenses, $10,879.18; net earnings, $2,053.50; paid dividend 6 per cent. (on $32,000 stock), $1,914, leaving surplus, $133.50. Capital stock, $50,000; unfunded debt, $876.44—total, $50,876.44. *Contra:* Cost of road and equipment, $48,262.56; all other assets, $2,413.88—total, $50,676.44. Dividend payable at the office of the treasurer, Danville, Va. *Directors:* T. B. Fitzgerald, J. M. Johnston, L. C. Berkeley, Jr., F. X. Burton, J. R. Jopling, Danville, Va. *Officers:* Thos. B. Fitzgerald, *Pres.;* H. S. Lanier, *Sec. & Treas.;* N. W. Berkeley, Jr., *Supt.* GENERAL OFFICE, Danville, Va.

Lynchburg Street Ry. Co. Main line, 4 miles; gauge, 5 ft. 1 in.; rail, 20 and 26 lbs.; owns 25 mules, 15 horses and 7 cars. *Directors:* C. V. Winfree, J. B. Shaner, J. L. Armistead, J. W. Dickerson, Jno. A. Lee, E. C. Hamner, Jno. D. Holt, W. S. Adams, Stephen Adams, Lynchburg, Va. *Officers:* Stephen Adams, *Pres., Sec. & Treas.* GENERAL OFFICE, 811 Main St., Lynchburg, Va.

Manchester Ry. and Improvement Co. Main line, 3.50 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs.; cars, 10; mules, 28. C. W. Turner, *Pres.;* Wm. M. Winston, *Sec. & Treas.;* Irvine P. Wharton, *Supt.* GENERAL OFFICE, 115 East Main St., Richmond, Va.

Norfolk City RR. Co. Main line, 4.25 miles; gauge, 5 ft. 2 in.; rail, 35 and 45 lbs.; chartered January 4, 1866; owns 95 horses and 26 cars. Capital stock, $100,000; funded debt (6 per cent. coupon bonds, interest payable January and July by Mercantile Trust Co., New York), $125,000. *Directors:* James W. McCarrick, N. G. Miller, W. A. Marable, James E. Heath, A. Myers, W. A. Graves, Jr. *Officers:* W. H. Taylor, *Pres.;* H. C. Whitehead, *Sec. & Treas.;* James J. Ferris, *Supt.* GENERAL OFFICE, 125 Main St., Norfolk, Va.

Petersburg Street Ry. Co. Main line, 3.5 miles; gauge, 4 ft. 8½ in.; rail, 45 and 47 lbs.; owns 38 mules, 2 horses and 9 cars. Geo. Beadle, *Prop.,* Petersburg, Va.

Portsmouth Street Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; owns 9 cars and 26 horses. C. B. Peck, *Pres.;* Wm. H. Stewart, *Vice-Pres. & Man.;* C. C. Pearson, *Sec. & Treas.* GENERAL OFFICE, Portsmouth, Va., and 63 Wall St., New York City.

Richmond and Manchester Street Ry. Co. Main line, 3.75 miles; gauge, 4 ft. 8½ in.; rail, 36 and 45 lbs.; owns 41 horses and 10 cars. Jos. Bryan, *Pres.;* J. Brandt, *Sec. & Treas.;* B. R. Selden, *Supt.* GENERAL OFFICE, 911 East Main St., Richmond, Va.

Richmond City Ry. Co. Main line, 7.5 miles; gauge, 4 ft. 8½ in.; rail, 30 to 42 lbs.; owns 239 horses, 50 cars, 2 motors and 4 other vehicles. *Directors:* David N. Walker, M. T. Clarke, W. H. Haxall, Thos. Peyton. *Officers:* A. Pizzini, Jr., *Pres.;* Albert M. Scott, *Sec. & Treas.;* A. A. St. Armand, *Supt. & P. A.;* A. W. Pierce, *Mast. Car Rep.* GENERAL OFFICE, 909 Bank St., Richmond, Va.

Richmond Union Passenger Ry. Co. Main line, 12 miles; branches, 3.77 miles—total, 15.77

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miles; gauge, 4 ft. 8½ in.; rail, 45 lbs. Operated by Sprague system of electricity. Owns 42 cars, 3 other vehicles. Capital stock, $500,000; funded debt (interest payable by Mercantile Trust Co., New York), $450,000. T. N. Motley, *Vice-Pres.;* A. Pizzini, Jr., *Sec. & Treas.;* F. J. Farrell, *Supt.* GENERAL OFFICE, 909 Bank St., Richmond, Va.

Roanoke Street Ry. Co. Main line, 8½ miles; gauge, 4 ft. 9 in.; rail, 25 and 30 lbs.; owns 7 cars, 2 dummy engines and 14 horses. C. O'Leary, *Pres.;* Jno. Ott, *Treas.;* Jas. McGehee, *Sec.;* J. F. Christian, *Supt.* GENERAL OFFICE, Roanoke, Va.

Suburban and City Ry. and Improvement Co. Main line, 3 miles; gauge, 5 ft. 2 in.; rail, 40 lbs.; owns 43 horses and 15 cars. Chartered May 20, 1887; opened June 16, 1888. Funded debt, 6 per cent. coupon bonds, interest payable January and July, $67,500. Jas. W. McCarrick, *Pres.;* H. C. Whitehead, *Sec. & Treas.;* E. W. Savage, *Supt.* GENERAL OFFICE, 125 Main St., Norfolk, Va.

STATE OF WASHINGTON.

Front Street Cable Ry. Co. Main line, 3.50 miles; gauge, 4 ft.; rail, 16 lbs.; owns 8 cars. J. Furth, *Pres.;* H. G. Struve, *Vice-Pres.;* J. P. Hoyt, *Treas.;* M. McMilken, *Sec.;* Saul Gibson, *Supt.* GENERAL OFFICE, Seattle, Wash.

Lake Washington Cable Ry. Co. Main line, 5 miles; gauge, 3 feet; rail, 45 lbs. Cars, 24. *Directors:* Fred. E. Sander, Henry K. Hall, Louis D. Burns. *Officers:* Fred. E. Sander, *Pres. & Man.;* Henry K. Hall, *Vice-Pres.;* Louis D. Burns, *Sec. & Treas.* GENERAL OFFICE, Seattle, Wash.

Madison Street Cable Ry. Co. *Officers:* H. G. Struve, *Pres.;* A. B. Stewart, *Vice-Pres.;* M. McMicken, *Sec.;* Jacob Furth, *Treas.;* A. P. Mitten, *Man.* GENERAL OFFICE, Seattle, Wash.

Pacific Cable Construction Co. Main line, 5 miles; gauge, 3 ft.; rail, 16 lbs.; owns 6 steam-motors and 6 cars. J. M. Thompson, *Pres.;* P. Opperheim, *Sec. & Treas.* GENERAL OFFICE, Seattle, Wash.

Point Defiance Street Ry. Co. Main line, 6 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs. Chartered in 1888; road opened in April, 1890. Dummy engines, 3; cars, 5. Average rate of fare, 5 cents. Capital stock, $100,000. Cost of road, $85,000. *Officers:* H. C. Wallace, *Pres.;* Stuart Rice, *Sec.;* T. B. Wallace, *Treas.;* Geo. W. Balch, *Supt.* GENERAL OFFICE, Tacoma, Wash.

Port Towsend Street Ry. Co. Main line, 3 miles. Motor cars, 3. Thomson-Houston system of electricity. GENERAL OFFICE, Port Townsend, Wash.

Rosa Park Street Ry. Co. Main line (double track), 4 miles; gauge, 4 ft. 8½ in.; rail, 60 lbs.; owns 7 cars and 1 other vehicle. Capital stock, $150,000. Cost of road and equipment, $150,000. Road operated by Thomson-Houston system of electricity. G. B. Dennis, *Pres.;* Chas. L. Marshall, *Sec.;* S. Heath, *Treas.;* H. D. Scribner, *Supt.* GENERAL OFFICE, cor. Front and Howard Sts., Spokane Falls, Wash.

Seattle Electric Ry. and Power Co. Main line, 9 miles; gauge, 4 ft. 8½ in.; rail, 38 lbs.; owns 22 motor cars. Thomson-Houston electric system. L. H. Griffith, *Pres. & Gen. Man.;* D. T. Denny, *Vice-Pres.;* V. H. Smith, *Sec.;* Andrew Abt, *Treas.* GENERAL OFFICE, Pine and Fifth Sts., Seattle, Wash.

Seattle Street Ry. Co. Main line, 5 miles; gauge, 4 ft. 8½ in.; rail, 25 to 35 lbs.; owns 45 horses, 11 cars and 5 motors. F. H. Osgood, *Pres. & Man.;* Thos. Burke, *Vice-Pres.;* E. C. Kilbourne, *Sec.;* L. H. Griffith, *Treas.* GENERAL OFFICE, Seattle, Wash.

Spokane Cable Ry. Co. Main line, 3.50 miles; gauge, 3 ft.; rail, 20 lbs.; owns 7 dummy engines and 10 cars. Chartered in May, 1888; road opened September 1, 1889. Capital stock, $300,000; funded debt, 6 per cent. 10 to 20-year bonds, $150,000—total, $350,000. *Contra:* Cost of road, $230,000. J. D. Sherwood, *Pres.;* C. H. Moore, *Sec.* GENERAL OFFICE, Spokane Falls, Wash.

Spokane Falls and Montrose Motor RR. Co. Main line, 2½ miles; branch, ½ mile; gauge, 3 ft. 6 in.; rail, 20 lbs.; owns 1 motor, 2 passenger and 4 freight cars. Capital stock, $50,000. Cost of road, $65,000. Francis H. Cook, *Pres. & Treas.;* L. C. Cook, *Sec.* GENERAL OFFICE, Spokane Falls, Wash.

Spokane Street Ry. Co. Main line, 10 miles; gauge, 3 ft.; rail, 20, 25 and 30 lbs.; owns 16 cars and 75 horses. Capital stock, $50,000; floating debt, $10,000. F. R. Moore, *Pres.;* C. H. Moore, *Sec. & Treas.* GENERAL OFFICE, Spokane Falls, Wash.

Tacoma and Fern Hill Street RR. Co. Main line, 3½ miles; 2½ miles additional under construction; gauge, 4 ft. 8½ in.; rail, 36 lbs. Chartered May 28, 1888; road opened April 5, 1889. Cars, 4; dummy engines, 2. Cars run, 22,603 miles; passengers carried, 90,000; average rate of fare, 5½ cents. *Earnings, Expenses, etc.,* for year ending April 5, 1890. Earnings—passenger, $5,000; freight, $2,000—total, $7,000. Expenses and taxes, $8,295.39. Deficit, $1,295.39. *Financial Statement,* April 5, 1890. Capital stock, $100,000. *Contra:* Cost of road, etc., $50,000; real estate, etc., $15,000—total, $65,000. *Officers:* Geo. Browne, *Pres. & Treas.;* P. Lynch Garrett, *Sec.;* J. Vincent Browne, *Supt.* GENERAL OFFICE, Tacoma, Wash.

Tacoma Ry. and Motor Co. Main line, 13.50 miles; gauge, 3 ft. 6 in.; rail, 38 lbs.; owns 20 motors. Sprague system of electricity. Paul Schultze, *Pres.;* J. M. Ashton, *Vice-Pres.;* Geo. P. Eaton, *Sec.;* Henry Hewitt, *Treas.;* J. H. Cummings, *Gen. Man.* GENERAL OFFICE, Tacoma, Wash.

Walla Walla Street Ry. and Investment Co. Main line, 4 miles; gauge, 3 ft. 6 in.; rail, 30 and 35 lbs.; owns 6 cars and 24 horses. Capital stock, $100,000. W. P. Winans, *Pres.;* Miles C. Moore, *Vice-Pres.;* H. A. Reynolds, *Sec.;* H. E. Johnson, *Treas.;* J. M. Hill, *Supt.* GENERAL OFFICE, Walla Walla, Wash.

STATE OF WEST VIRGINIA.

Citizens' Ry. Co. Main line, 5.25 miles; gauge, 5 ft. 2½ in.; rail, 45 lbs.; owns 27 horses and 16 cars. J. A. Miller, *Pres.;* F. P. Hall, *Sec.;* M. Loftus, *Supt.* GENERAL OFFICE, Wheeling, W. Va.

Huntington Electric Light and Street Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 25 lbs. Operated by Short system of electricity. Owns 4 cars. *Operations* for year 1889.—Passengers carried, 292,000. Earnings—passenger, $12,680; electric light department, $12,950—total, $23,630. Expenses and taxes, $16,860. Net earnings, $6,770. Capital stock, $80,000; unfunded debt, $7,500—total, $87,500. *Contra:* Cost of road and equipment, $55,000; electric light plant, $39,270—total, $94,270. *Officers:* R. A. Mathews, *Pres.;* J. L. Caldwell, *Sec., Treas. & Supt.* GENERAL OFFICE, Huntington, W. Va.

Wheeling and Elm Grove RR. Co. Main line, 8 miles; gauge, 4 ft. 8½ in.; rail, 30 to 60 lbs.; owns 4 steam-motors and 12 cars. Average rate of fare, 8 cents. Operations for year ending December 31, 1889.—Earnings—passenger, $27,284.30; other sources, $252.15—total, $27,536.45. Expenses, not reported. Capital stock, $67,800; funded debt, $69,700; unfunded debt, $35,000. *Directors:* A. Reymann, M. Reilly, J. D. Du Bois, F. Happy, Aug. Rolf, Wheeling, W. Va. *Officers:* J. D. Du Bois, *Pres.;* E. J. Rutter, *Sec. & Treas.;* C. Hirsch, *Supt.;* A. Palmer, *Mast. Tr. Rep.;* H. Bowers, *Mast. Car Rep.* GENERAL OFFICE, Wheeling, W. Va.

Wheeling Street Ry. Co. Main line, 5 miles; gauge, 5 ft. 2 in.; rail, 45 lbs.; owns 12 cars. Van Depoele system of electricity. John M. Sweeney, *Pres.;* F. P. Hall, *Sec.;* M. Loftus, *Supt.* GENERAL OFFICE, Wheeling, W. Va.

STATE OF WISCONSIN.

Appleton Electric Street Ry. Co. Main line, 3.5 miles; gauge, 4 ft. 8½ in.; rail, 33 lbs. Chartered January 19, 1886; opened August 19, 1886. Owns 5 electric motors, 5 cars and 1 dynamo of 60 horse-power. Capital stock, $56,000. Cost of road and equipment, $63,000. *Directors:* F. W. Harriman, G. W. Gerry, R. M. Lunt, N. M. Edwards, M. K. Gochnauer, Appleton, Wis. *Officers:* G. W. Gerry, *Pres.;* M. K. Gochnauer, *Vice-Pres. & Supt.;* F. W. Harriman, *Sec. & Treas.* GENERAL OFFICE, Appleton, Wis.

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Ashland Street Ry. Co. Main line, 2.5 miles; gauge, 4 ft. 8½ in. Road to be built in the spring of 1890. Owns 6 cars and 35 horses. Edwin Ellis, *Pres.;* Wm. M. Tompkins, *Sec.;* Geo. H. Hoppor, *Supt.* GENERAL OFFICE, Ashland, Wis.

Belle City Street Ry. Co. Main line, 7 miles; gauge, 4 ft.; rail, 32 lbs.; owns 60 horses and 12 cars. Chartered May 1, 1883, and opened October 3, 1883. Capital stock, $100,000. *Directors:* John T. Fish, Milwaukee, Wis.; Geo. B. Hathaway, J. E. Dodge, Racine, Wis.; Chas. Hathaway, Cleveland, O. *Officers:* Geo. B. Hathaway, *Pres. & Supt.;* Chas. Hathaway, *Vice-Pres. & Treas.;* J. E. Dodge, *Sec.* GENERAL OFFICE, 1808 N. Western Ave., Racine, Wis.

Cream City RR. Co. Main line, 11.25 miles; gauge, 4 ft. 8½ in.; rail, 40 and 52 lbs.; owns 317 mules, 165 horses and 100 cars. Chartered and opened in 1874. Passengers carried during year ending December 31, 1888, 3,451,740. Capital stock, $518,800; cost of road and equipment, $515,979.37. Winfield Smith, *Pres.;* Christian Preusser, *Vice-Pres.;* Wm. Damkaehler, *Sec.;* F. Kuehn, *Treas.;* A. W. Lynn, *Gen. Man.* GENERAL OFFICE, 440 E. Water St., Milwaukee, Wis.

Douglas County Street Ry. Co. Main line, 5 miles; gauge, 3 ft. 6 in.; rail, 35 lbs.; cars, 3; horses, 12. Daft system of electricity. Capital stock, $20,000. Henry D. Minot, *Pres.;* S. T. Norwell, *Gen. Man.;* Michael O'Brien, *Supt.* GENERAL OFFICE, 1st Nat. Bank Building, West Superior, Wis.

Eau Claire Street Ry. Co. Main line, 5 miles; branch, 1.25 miles—total, 6.25 miles; gauge, 4 ft. 8½ in.; rail, 35 and 42 lbs. Operated by Sprague system of electricity. Owns 6 cars and 12 motors. Cars run 520 miles daily. W. G. Maxcy, *Pres.;* W. Lewis, *Sec. & Treas.;* J. J. Forman, *Supt.* GENERAL OFFICE, Eau Claire, Wis.

Fond du Lac Street Ry. Co. Main line, 4.50 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; cars, 8; horses, 40. H. Burkholder, *Pres.;* H. S. Clark, *Sec.;* F. B. Hoskins, *Treas.;* H. Burkholder, Jr., *Supt.* GENERAL OFFICE, Fond du Lac, Wis.

Janesville Street Ry. Co. Main line, 4.5 miles; gauge, 4 ft. 8½ in.; rail, 30 and 42 lbs.; owns 19 horses, 2 mules and 5 cars. S. B. Clarke, *Pres.;* B. E. Clarke, *Sec.;* H. M. Clark, *Treas.;* Chas. J. Schultz, *Supt.* GENERAL OFFICE, Janesville, Wis.

La Crosse City Ry. Co. Main line, 6.5 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; owns 78 horses and mules, and 19 cars. Chartered November 17, 1885. Road opened January 1, 1886. Capital stock, $200,000. Interest and dividends payable at La Crosse, Wis. *Directors:* B. E. Edwards, Geo. F. Gund, W. W. Cargill, La Crosse, Wis. *Officers:* B. E. Edwards, *Pres.;* Geo. F. Gund, *Vice-Pres.;* H. E. West, *Sec.;* George H. Clark, *Treas.;* Peter Vailer, *Supt. N. Div.;* Geo. F. Smith, *Supt. So. Div.* GENERAL OFFICE, 123 South Fourth St., La Crosse, Wis.

La Crosse and Onolaska Motor Line. Main line, 2½ miles; gauge, 4 ft. 8½ in.; rail, 25 lbs. Cars, 2; horses, 10. Average rate of fare, 7½ cents. Address, J. B. Canterbury, La Crosse, Wis.

Madison Street RR. Co. Main line, 3.5 miles; gauge, 4 ft.; rail, 23 lbs.; owns 32 horses and 8 cars. Capital stock, $30,000; cost of road and equipment, $50,000. *Directors:* D. K. Tenney, R. M. Bashford, Chicago, Ill.; B. W. Jones, Andrew Kentzler, E. W. Keyes, Madison, Wis. *Officers:* E. W. Keyes, *Pres.;* D. K. Tenney, *Vice-Pres.;* Lucius Clark, *Treas.;* W. G. George, *Sec.;* Geo. Wolf, *Supt.* GENERAL OFFICE, Madison, Wis.

Marinette Street Ry. Co. Main line, 4 miles; gauge, 4 ft. 8½ in.; rail, 36 lbs.; cars, 6; horses, 60. Capital stock, $50,000. H. C. Higgins, *Pres. & Gen. Man.;* T. Higgins, *Sec. & Treas.* GENERAL OFFICE, Milwaukee, Wis.

Milwaukee and Whitefish Bay Ry. Co. Main line, 5 miles; gauge, 4 ft. 8½ in.; rail, 40 lbs.; 9 cars and 3 steam motors. W. H. Bradley, *Pres.;* J. H. Lowry, *Vice-Pres.;* Chas Behrens, Jr., *Sec. & Treas.;* M. Higgins, *Supt.* GENERAL OFFICE, Milwaukee, Wis.

Milwaukee City RR. Co. Main line, 35.73 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs.; owns 660 horses and mules, 108 cars and 8 other vehicles. Incorporated December 1, 1888. *Operations* for year ending December 31, 1889.—Cars run, 1,961,549 miles; passengers carried, 7,016,187. Funded debt, $1,000,000 1st mtge. 5 per cent. 20-year $1,000 coupon bonds, due December 1, 1908, interest payable June and December, at Central Trust Co., New York, N. Y. *Directors:* Peter McGeoch, B. K. Miller, John Johnston, G. P. Miller, Geo. O. Wheatcroft, Milwaukee, Wis. *Officers:* W. G. Oakman, *Pres.;* R. B. Dobson, *Sec. & Treas.;* G. O. Wheatcroft, *Asst. Treas. & Asst. Sec.;* Geo. W. Hommell, *Man.;* Geo. M. Kemmerlien, *Supt.* GENERAL OFFICE, 209 West Water St., Milwaukee, Wis.

Oshkosh Street Ry. Co. Main line, 8 miles; gauge, 4 ft. 8½ in.; rail, 27 to 40 lbs.; owns 40 horses and 10 cars. Chas. Barber, *Pres.;* J. H. Porter, *Vice-Pres.;* J. H. Jenkins, *Sec. & Treas.;* C. E. Montgomery, *Supt.* GENERAL OFFICE, 222 Main St., Oshkosh, Wis.

Sheboygan Street RR. Co. Main line, 4.50 miles; gauge, 4 ft. 8½ in.; rail, 35 and 40 lbs.; cars, 6; other vehicles, 4; horses, 38. Average rate of fare, 4 cents. Earnings, 1889, $20,000; expenses and taxes, $7,000—net earnings, $13,000. Capital stock, $50,000. Cost of road and equipment, $47,000. Dividends payable at Sheyboygan, Wis. *Officers:* J. M. Snemann, *Pres.;* F. I. Snemann, *Sec. & Treas.;* C. F. Bacon, *Supt.* GENERAL OFFICE, 1,115 Eighth St., Sheboygan, Wis.

Waukesha Street Ry. Co. (Projected.) James K. Anderson, *Pres.;* T. W. Haight, *Sec. & Treas.* GENERAL OFFICE, Waukesha, Wis.

West Side Street RR. Co. Operated by Sprague system of electricity. Washington Becker, *Pres.;* T. J. Durnin, *Sec.;* A. McNaughton, *Supt.* GENERAL OFFICE, Milwaukee, Wis.

WYOMING TERRITORY.

Cheyenne Street Ry. Co. Main line, 4.5 miles; gauge, 3 ft. 6 in.; rail, 22 lbs.; owns 5 cars and 15 horses. *Officers:* F. E. Warren, *Pres.;* T. A. Kent, *Treas. & Supt.;* J. C. Baird, *Sec.* GENERAL OFFICE, Cheyenne, Wyoming Ter.

DOMINION OF CANADA.

Belleville Street RR. Co. Main line, 2 miles; gauge, 3 ft. 6 in.; rail, 28 lbs.; owns 12 horses, 5 cars and 5 other vehicles. *Directors:* Horace Yeomans, Manley Roblin, John Lewis, Mrs. David Lockwood, Belleville, Ont. *Officers:* David Lockwood, *Pres.;* S. A. Lockwood, *Sec., Treas. & Supt.* GENERAL OFFICE, Belleville, Ont.

Berlin and Waterloo Street Ry. Co. Main line, 2.75 miles; gauge, 4 ft. 8½ in.; rail, 25 and 30 lbs.; cars, 8; horses, 17; sleighs, 3. Capital stock, $40,000; funded debt, $20,000. Interest and dividends payable at Berlin, Ont. Thomas M. Burt, *Pres. & Treas.;* Alexander Millar, *Sec.* GENERAL OFFICE, Waterloo, Ont.

Brantford Street Ry. Co. Main line, 5 miles; gauge, 3 ft. 6 in.; rail, 30 lbs.; owns 22 horses and 7 cars. D. A. Flack, *Pres.;* R. A. Pringle, *Vice-Pres.;* C. H. Flack, *Sec. & Treas.* GENERAL OFFICE, Brantford, Ont.

Chatham Street RR. Co. Main line, 2 miles; owns 9 horses, 4 cars, and 4 other vehicles. Number of passengers carried, 74,500; tons of freight moved, 560. Earnings, $4,500. Expenses and taxes (including interest), $3,900. Capital stock, $25,000. J. R. Reid, *Pres. & Supt.;* S. H. West, *Sec. & Treas.* GENERAL OFFICE, King St., Chatham, Ont.

Cornwall Street Ry. Co. Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 20 lbs.; owns 4 cars and 2 steam motors. C. D. Haines, *Pres.;* A. G. Haines, *Sec. & Treas.* GENERAL OFFICE, Cornwall, Ont.

Halifax Street Ry. Co. (Lim.). Main line, 7 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs. Chartered in April, 1886; road opened November 15, 1886. Cars, 14; other vehicles, 10; horses, 100. Cars run 730 miles per day. *Operations* for year 1889.—Passengers carried, 1,000,000; earnings, $56,000. Paid interest on bonds, $15,000, at Halifax, N. S. Capital stock, $200,000; funded debt, $250,000. *Officers:* B. F. Pearson, *Pres.;* Chas. Armand, *Sec. & Treas.;* J. F. Van DeVenten, *Supt.* GENERAL OFFICES, Halifax, N. S., and 37 and 38 Drexel Building, New York, N. Y.

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Hamilton Street Ry. Co. Main line, 12 miles; owns 160 horses, 45 cars and 10 sleighs. Capital stock, $165,000; funded debt, $7,500 mtge. 8 per cent. bonds, due in 1894, interest payable April and October. *Officers:* B. E. Charlton, *Pres.*; T. B. Griffith, *Sec., Treas. & Gen. Supt.* GENERAL OFFICE, 7 King St., West, Hamilton, Ont.

Kingston Street Ry. Co. Main line, 4 miles; gauge, 3 ft. 6 in.; rail, 9 lbs.; owns 30 horses and 10 cars. Robert Carson, *Pres.*; M. Sergant, *Sec. & Treas.*; W. Wilson, *Man. & P. A.*; M. Barnes, *Mast. Car Rep.* GENERAL OFFICE, Kingston, Ont.

London Street Ry. Co. Main line, 10 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; owns 64 horses, 22 cars and 14 other vehicles. Earnings for 1889, $26,812.55. Capital stock, $100,000. *Directors:* V. Cronyn, T. H. Smallman, W. Bowman, W. Saunders, H. B. Conyn, London, Ont. *Officers:* V. Cronyn, *Pres.*; Chas. Currie, *Treas.*; Jas. H. Flock, *Sec.*; Henry T. Smith, *Supt.* GENERAL OFFICE, Richmond St., London, Ont.

Montreal Street Ry. Co. Main line, 23.50 miles; 2d track, 9 miles; gauge, 4 ft 8½ in.; rail, 44 lbs. Chartered May 18, 1861; road opened in November, 1861. Owns 1,000 horses, 150 cars, 49 omnibuses and 104 sleighs. *Operations* for 1889.—Passengers carried, 8,500,000. Earnings—passenger, $412,000; other sources, $250—total, $410,250. Expenses and taxes, $352; net earnings, $60,250. Paid interest on bonds, $15,000. *Financial Statement*—Capital stock, $600,000; funded debt, 5 per cent. bonds, due 1908, interest payable March and September (£60,000 sterling), $300,000—total, $900,000. *Contra:* Cost of road, $720,000; other assets, $345,000—total, $1,065,000. Jesse Joseph, *Pres.*; W. H. Hingston, *Vice-Pres.*; Ed. Lusher, *Sec., Treas. & Man.*; T. H. Robillard, *Supt.* GENERAL OFFICE, Montreal, Can.

National Electric Traction & Lighting Co. Main line, 5 miles; gauge, 4 ft. 8½ in.; rail, 38 lbs.; electric motors, 4. Thomson-Houston electric motors. D. W. Higgins, *Pres.*; G. L. Milne, *Vice-Pres.*; H. F. Heisterman, *Sec. & Treas.* GENERAL OFFICE, Victoria, B. C.

Niagara Falls, Wesley Park & Clifton Tramway Co. Main line, 3.75 miles; gauge, 4 ft. 8½ in.; rail, 30 and 45 lbs. Chartered May 6, 1886; road opened December 6, 1886. Owns 10 cars, 2 other vehicles, and 40 horses. Capital stock, $50,000. Jno. H. Mooney, *Pres.*; Jno. H. Bache, *Sec. & Supt.*; Jno. N. Hayward, *Treas.*, New York, N. Y. GENERAL OFFICE, Niagara Falls, Can.

Ottawa City Passenger RR. Co. Main line, 3 miles; branch, 1 mile; gauge, 4 ft. 8½ in.; rail, 20 and 30 lbs.; owns 52 horses, 14 cars and 15 other vehicles. Chartered August 15, 1866; opened July, 1870. *Directors:* Thos. C. Keefer, Robt. Blackburn, W. G. Perley, N. well Bate, James Rochester, E. H. Bronson, J. B. Pattee, Ottawa, Ont. *Officers:* T. C. Keefer, *Pres.*; Robert Blackburn, *Vice-Pres.*; James D. Fraser, *Sec.* GENERAL OFFICE, Ottawa, Ont.

Ottawa Electric Street Ry. Co. Main line, 7 miles; gauge, 4 ft. 8½ in.; rail, 56 lbs.; road opened August 31, 1889; cars owned, 12; passengers carried, about 6,000 per day. *Officers:* T. J. Evans, *Pres.*, Council Bluffs, Ia.; Theo. P. Bailey, *Treas.*, Chicago, Ill.; Geo. T. Wright, *Sec.*, Council Bluffs, Ia.; H. J. Irwin, *Supt.*, Ottawa, Ill. GENERAL OFFICE, Ottawa, Ill.

Quebec Street Ry. Co. Main line, 3 miles; gauge, 4 ft. 8½ in.; rail, 45 lbs. Chartered October 15, 1863; road opened August 17, 1865. Owns 56 horses, 10 cars and 16 other vehicles. *Operations* for year ending December 31, 1888.—Cars run, 105,500 miles; passengers carried, 570,969. Earnings from passengers, $28,-347.64; other sources, $999.59—total, $29,347.23. Expenses, $19,268.85. Net earnings, $10,078.38. Payments: Sinking fund and other charges, $2,325.85; dividends, $8,000. Capital stock, $50,000; funded debt, $15,000; unfunded debt, $15,855.58—total liabilities, $80,855.58. Cost of road, $38,824.41; other assets, $45,710.06—total assets, $84,534.47. *Directors:* Chas. St. Michel, Geo. R. Renfrew, G. Le Moine, J. C. Thomson, W. Hossack, D. C. Thomson, F. Tessier, S. Moore. *Officers:* Charles St. Michel, *Pres.*, Quebec, Que.; Geo. R. Renfrew, *Vice-Pres.*; Samuel Moore, *Sec., Treas. & Supt.* GENERAL OFFICE, St. Joseph St., St. Sauveur, Que.

Sandwich, Windsor & Amherstburg Ry. Co. Main line, 3½ miles; gauge, 4 ft. 8 in.; rail, 26 lbs.; owns 25 horses and 5 cars. Wm. McGregor, *Pres. & Treas.*; J. Sutherland, *Sec.*; Samuel Page, *Supt. & Purch. Agt.* GENERAL OFFICE, Windsor, Can.

Sarnia Street Ry. Co. Main line, 2½ miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; owns 9 horses and 5 cars. Jas. S. Symington, *Pres.*; Jas. Smith, *Vice-Pres.*; H. W. Mills, *Sec., Treas. & Supt.* GENERAL OFFICE, Sarnia, Ont.

St. Catharines, Merritton and Thorold Ry. Co. Main line, 8 miles; gauge, 4 ft. 8½ in.; rail, 30 lbs.; owns 12 motors and 12 cars. Chartered July, 1875; road opened November, 1879. Operations, year ending December 31, 1889.—Cars run, 120,000 miles; passengers carried, 300,000; earnings (passenger, $15,-400; motors, $400; electric lights, $235), $16,035. *Directors:* E. A. Smyth, H. E. Smyth, W. B. Gilleland, St. Catharines, Ont. *Officers:* E. A. Smyth, *Pres.*; H. E. Smyth, *Sec. & Treas.*; R. McMaugh, *Supt.* GENERAL OFFICE, St. Catharines, Ont.

St. John Street Ry. Co. (Lim.). Main line, 1.33 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; owns 23 horses, 4 cars and 4 omnibuses. Jos. W. Henry, *Pres.*; A. Robertson, *Vice-Pres.*; W. W. Martin, *Sec. & Man.* GENERAL OFFICE, 502 St. John St., Quebec, Que.

St. John Street Ry. Co. Main line, 7 miles; gauge, 4 ft. 8½ in.; rail, 45 to 60 lbs.; owns 15 cars and 65 horses. Jno. F. Zebley, *Pres. & Treas.*; Austin Gallagher, *Sec.* New York Office, Drexel Building, New York, N. Y. GENERAL OFFICE, St. John, N. B.

St. Thomas Street Ry. Co. Main line, 2 miles; gauge, 3 ft. 6 in.; rail, 30 lbs.; owns 9 horses and 5 cars. J. Griffen, *Pres.*; G. Wegg, *Sec. & Treas.*; W. Palmerton, *Supt.* GENERAL OFFICE, St. Thomas, Ont.

Toronto Street RR. Co. Main line, 60 miles; gauge, 4 ft. 10½ in.; rail, 30 lbs.; owns 1,160 horses and 225 cars. Frank Smith, *Pres.*; James Gunn, *Sec.*; J. J. Franklin, *Supt.* GENERAL OFFICE, 94 and 96 East King St., Toronto, Ont.

Windsor Electric Street Ry. Co. Main line, 1.25 miles; gauge, 3 ft. 6 in.; rail, 25 lbs.; owns 1 Van Depoele motor, 15 horse-power engine, 9 horses and 4 cars. W. M. Roomer, *Pres.*; A. H. Joseph, *Treas. & Sec.*; W. C. Turner, *Supt.*; T. C. Ponting, *Man.* GENERAL OFFICE, Windsor, Ont.

Windsor RR. Co. Main line, 4.50 miles; gauge, 4 ft. 8 in.; rail, 26 lbs.; owns 6 cars and 26 horses. Wm. McGregor, *Pres. & Gen. Man.* GENERAL OFFICE, Windsor, Ont.

Winnipeg Street RR. Co. Main line, 5 miles; gauge, 4 ft. 8½ in.; rail, 35 lbs.; owns 100 horses, 15 cars, and 15 sleighs. *Directors:* James Austin, E. B. Osler, Toronto, Ont.; A. W. Austin, R. J. Whitla, H. Archibald, George A. Young, M. R. Austin, Winnipeg, Man. James Austin, *Pres.*; E. B. Osler, *Vice-Pres.*; Albert W. Austin, *Sec., Treas. & P. A.*; G. A. Young, *Supt.* GENERAL OFFICE, Winnipeg, Man.

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FOREIGN RAILWAYS.

List of the Railways and Tramways of Mexico, Central and South America, with their Officers, Mileage, Cost, Earnings, etc., etc.

ARGENTINE REPUBLIC.

Andine RR. Villa Maria to San Juan, *via* Villa Mercedes and Mendoza, 767 kilo. (480 miles). Built by the Federal Government of the Argentine Republic. Construction began in 1870; opened (Rio Cuarto Section) 82 miles in 1873; 76 miles in 1875; 59 miles in 1880; 75 miles in 1883; 80 miles in 1884; and 108 miles, to San Jaun, in 1885. Total cost about £3,000,000. Gauge, 5 ft. 6 in. Locomotive engines, 50. Cars—passenger, 65; baggage, 15; freight, 600. Passengers, 1884, 35,382; 1885, 97,607. Tons freight, 1884, 125,327; 1885, 144,962. Gross earnings, 1884, $645,000; 1885, $1,006,000. Net earnings, 1884, $311,000; 1885, $479,000. The intention in building this road was to form a connection through the Uspalata Pass in the Andes with the Chilian line running to Valparaiso, thus forming a through inter-oceanic route. (See Buenos Ayres and Valparaiso Transandine Ry.) During 1887 all of the line except the portion from Villa Maria to Villa Mercedes was sold to Messrs. J. E. & M. Clarke, contractors, of London and Buenos Ayres. In February, 1888, a decree was promulgated turning over the line from Villa Maria to Villa Mercedes to Messrs. Dauford and Clark, but in February, 1890, the decree was annulled, and at the same time the president of the National Railway Board was instructed to take immediate possession of the line. Señor Guillermo Villanenva, *General Manager and Chief Engineer* (Government portion), Villa Maria, Argentine.

Anglo-Argentine Tramways Company (Limited). Tramway lines in the city of Buenos Ayres, 45 miles. Gauge, 4 ft. 8½ in.; rail (steel), 104 lbs. Cars, 250; horses, 2,000. British corporation, registered December 21, 1877. In the fall of 1887 reconstruction was decided upon, and the company was re-registered November 19, 1887. Capital, paid up, £970,000; net earnings average about 8 per cent. on capital in Argentine currency, which is at present at a heavy discount. Passengers carried average about 1,260,000 per month. Gross earnings half year ending June 30, 1889, £133,500; expenses (including loss on exchange), £104,477; net, £25,216. This company, the City of Buenos Ayres Tramways Co., the Buenos Ayres and Belgrano Tramway Co., and the Central Tramway of Buenos Ayres, have been consolidated (January 1, 1890), as the Buenos Ayres United Tramway Co. (Limited). J. B. Wanklyn, *Managing Director*, Buenos Ayres, A. R.; Louis Striém, *Secretary and Treasurer*; H. F. Gunning, *General Manager*, 57½ Old Broad St., London, E. C. Local Office, Rivadavia, 1569, Buenos Ayres, A. R.

Argentine North-Eastern Ry. (Limited). *Under construction:* Monte Caseros to Corrientes, 369.41 kilo.; Monte Caseros to Posados, 457.60 kilo.—total, 827.01 kilo., or about 508 miles. Company registered October 31, 1887, to acquire a concession granted by the Argentine Government. The road is under construction: two sections of 60 kilo. each will be completed during the summer of 1890, and a third section about the end of the year; and the contractors expect to have the whole line completed long before May 1, 1893, the date fixed by the contract. Capital, £1,500,000 preferred, and £500,000 ordinary shares. Marq. of Tweeddale, *Chairman;* P. Hazeon, *Secretary;* J. E. & M. Clark, *Contractors*, London, England. Principal Office, Winchester House, London, E. C., England.

Argentine Great Western Ry. Co. (Limited). Registered April 29, 1887, to acquire a railway constructed by the Argentine Government, which guarantees for 20 years from February 21, 1887, 5 per cent. per annum upon a capital of £2,870,000. The line is the property of the company in perpetuity, there being no option of Government purchase. Capital consists of £2,370,000 5 per cent. debenture stock; £500,000 4½ per cent. debentures; £500,000 preferred shares, and £500,000 deferred shares. Sir George Russell, *Chairman Board of Directors;* W. Heald, *Secretary*. Office, 4 St. Mary Axe, London, E. C.

Bahia-Blanca and Northwestern Ry. Co. (Limited). British corporation formed to carry out a concession granted by the National Government for a railway (of 1,188½ kilo., or about 738 miles) from the Port of Bahia-Blanca to the towns of Villa Mercedes and Rio Cuarto, situated respectively on the Buenos Ayres and Pacific and the Andine Railways. The line will form a junction between the South and the Eastern and Western Railway systems of the Republic. The Government guarantees for 20 years from date of opening each section, interest at 5 per cent. per annum, upon $20,000 gold for each kilometer of line. This, upon 1,188½ kilo., amounts to £235,813 annually. The Government may, after the expiration of the term of the guarantee, expropriate the railway, paying to the company the valuation price, plus 20 per cent. A contract has been entered into with Messrs. John G. Meiggs, Son & Co., for the construction, completion and equipment of the entire railway. Share capital, £1,350,000 preferred shares and £650,000 ordinary shares. The preferred shares are entitled to a cumulative dividend of 6 per cent, per annum, payable half-yearly, and to one-half the surplus net profits of each year remaining after meeting the obligations of the concession and the payment of a non-cumulative dividend of 6 per cent. on the ordinary shares. The other half of such surplus profits will belong to the ordinary shares. In addition to the shares, the company will issue such an amount in debentures, or debenture stock, bearing interest at 4 per cent. or over, as will absorb £154,813 annual interest. F. O. Smithers, *Secretary;* James Cleminson, *Chief Engineer*. Office, Dashwood House, 9 New Broad St., London, E. C.

Boca and Barracas Tramway of Buenos Ayres. Tramway lines in the city of Buenos Ayres and to Boca and Barracas, 4 miles southeast, 13,509 kilo. Gauge, 4 ft. 8½ in.; rail (steel), 6 kilo., 40 lbs. Cars, 10. Horses, 300. Passengers carried average 150,000 per month. General Office, Buenos Ayres.

Buenos Ayres and Belgrano Tramway Co. (Limited). Tramway line in city of Buenos Ayres, from the Plaza Victoria through Florida and Charcas Streets to Santa Fé Avenue, to Suburb of Belgrano, with branch to Palermo Park—total length, 13 miles. Gauge, 4 ft. 8½ in.; rail (steel), 103 lbs. Cars, 97. Horses, 623. British corporation. Capital, £377,500. Gross earnings, 1888, $485,820; net, $250,583; dividend paid, 15 per cent.; gross earnings, 1889, $519,911. This company was, on January 1, 1890, consolidated into the Buenos Ayres United Tramways Co., Limited. See Anglo-Argentine Tramways Co. J. B. Wanklyn, *Managing Director*, Buenos Ayres; Robert Burns, *Traffic Manager*, 901 Santa Fé Avenue, Buenos Ayres, A. R.; John Morris, *Chairman;* James Anderson, *Secretary*, 61 Moorgate Street, London, E. C.

Buenos Ayres and Ensenado Port Ry. *Line of Road:* Buenos Ayres to port of Ensenada (Province of Buenos Ayres), 35 miles. A British company incorporated under the "Companies Acts" 1862 and 1867. Entire line completed and opened January 1, 1873. Operates the Buenos Ayres, Ensenada and South Coast Ry. (see below). Capital stock (common, £600,000; preferred, £600,000), £1,900,000; debenture stock, £500,000—

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total, £1,700,000. Capital expenditure to December 31, 1888, £1,310,456. Rolling-stock consists of 8 locomotives, 19 passenger cars, and 180 freight cars. Arthur C. Brown, *General Manager*, Buenos Ayres; John Wilson Theobald, *Secretary*, 85 Palmerston Buildings, Bishopsgate Street, London, E. C.

Buenos Ayres, Ensenado and South Coast Ry. Co. (Limited). Rufina de Elizalde (La Plata) to Magdalena, 30 miles. Registered November 3, 1888, to acquire from the the Provincial Government of Buenos Ayres the above line of railroad, and to build an extension of about 40 miles. Operated by the Buenos Ayres and Ensenada Port Ry. Co. The authorized capital is £800,000, half being ordinary and half 6 per cent. cumulative preference. J. W. Batten, *Chairman*; J. W. Theobald, *Secretary*, 85 Palmerston Buildings, Bishopsgate Street, London, E. C.

Buenos Ayres and Valparaiso Transandine Ry. Co. (Limited). Registered September 13, 1886, to build an extension of the Andine RR. from Mendoza to the Chillian line, a distance of 195 kilo. Line now under construction, about 60 miles being completed. Total capital, £1,191,000. Government guarantee of 7 per cent. for 20 years. Morton, Rose, & Co., Financial Agents, London, E. C. A. Rimmer, *Secretary*, 6 Great Winchester Street, London, E. C.

Buenos Ayres Great Southern Ry. (Limited). *Lines of Road, completed:* Buenos Ayres to Bahia Blanca, 445 miles; Altamarino to Tres Arroyos, 300 miles; Maipu to Mar del Plata, 80 miles; Boca Branch, 8 miles: short extensions, 7 miles—total, 840 miles. 2d track, etc., 13.50 miles. Gauge, 5 ft. 6 in.; rail (steel), 58 lbs. The following new lines are now under construction: San Vicente through Las Flores to Tandil, about 174.5 miles; Ranch to Balcarche, about 97 miles; Arbolita to Necochea, about 98.5 miles; San Vicente (or Monte) through Tapalqué to Olavarria, 182 miles; Olavarria through Pringles to Bahia Blanca (El Puerto), about 170 miles; La Gama through Guamini, Carhue, and Puan to Alfalfa, about 143 miles; Tres Arroyos to Bahia Blanca (El Puerto), about 118 miles; Chascomas to Ranch or Tandil, about 110 miles—total, 1,093 miles. Locomotive engines, 98. Cars—passenger train cars, 225; freight train cars, 3,872. British company incorporated under the "Companies Act 1862." Opened first section road August 14, 1865. Gross earnings year ending June 30, 1889, £1,320,458; net, £678,203. In October, 1889, provision was made for an issue of £3,000,000 preference 5 per cent. shares, increasing the share capital to £12,000,000 (ordinary stock, £3,600,000; extension shares, £5,400,000; preference shares, £3,000,000), the proceeds to be expended on new construction. There is also outstanding £2,000,000 debenture 5 per cent. stock. Frank Parish, *Chairman Board Directors*, 5 Gloucester Square, London, W.; Guillermo White, *Chairman Local Committee*, Buenos Ayres; Charles O. Barker, *Managing Director and Purchasing Agent*; Thomas Henry Ridsdale, *Secretary*, 7 Finsbury Circus, London, E. C.; Sam. Abbott, *General Manager*; Wm. Marr Bell, *Traffic Superintendent*; H. G. Sketchley, *Chief Engineer*; W. H. Scott, *Locomotive and Car Superintendent*; W. C. Huxtable, *Accountant*. GENERAL OFFICES, 7 Finsbury Circus, London, E. C., and Plaza Constitucion, Buenos Ayres, A. R.

Buenos Ayres Grand National Tramways Co. (Limited). The Buenos Ayres Metropolitan Tramways Co., Limited, was formed March 4, 1889, to acquire the concession to build and operate an important system of tramways, about 26 miles in length, in the city of Buenos Ayres, but, owing to the requirements of the Argentine Government it was found necessary to change the name of the company. The road was completed and opened for traffic on April 1, 1890. The capital consists of £450,000, divided into 40,000 preference shares and 50,000 ordinary shares of £5 each; also £220,000 6 per cent. debenture bonds. Sir Andrew Clarke, *Chairman Board of Directors*; Sir George B. Bruce, *Chief Engineer*; T. H. Evans, *Secretary*. OFFICES, 6 Eastcheap, London, E. C.

Buenos Ayres New Tramways Co. (Limited). Registered, October 23, 1888, to acquire a concession granted by the city of Buenos Ayres for a term of 60 years, from March 27, 1888, at the end of which period the undertaking and rolling-stock, but not the buildings, revert to the city without payment. Length of projected lines, about 22½ miles. Authorized capital, £75,000 ordinary shares; £150,000 preference shares; and £250,000 debentures. The line is now under construction and is being built very substantially, 102 lbs. steel rail being used. T. C. Tatham, *Chairman*; A. L. Secretan, *Secretary*. LONDON OFFICE, 6 Great Winchester Street, E. C.

Buenos Ayres Northern Ry. (Limited). *Line of Road:* Buenos Ayres to San Fernando, 20 miles. British company incorporated under "Joint Stock Companies Acts 1856 and 1857." The Provincial Government of Buenos Ayres guaranteed for twenty years from opening of line 7 per cent. per annum on £150,000. Gross earnings for 1887, £115,781; net, £55,848. Capital investment, £611,804 in eight classes of stocks and bonds. Total cost of road, £509,355. The road is leased in perpetuity from January 1, 1889, to the Central Argentine Ry. Co. C. S. Hayne, *Chairman*; John W. Theobald, *Secretary*, 85 Palmerston Buildings, Bishopsgate Street, London, E. C.

Buenos Ayres and Pacific Ry. Co. (Limited). *Line of Road:* Buenos Ayres to Villa Mercedes, Province of San Louis, 687 kilo. or 427 miles. The original line from Mercedes, Province of Buenos Ayres, to Villa Mercedes, 599 kilo., was commenced in 1882 and completed March 6, 1886. Extension from Mercedes to Buenos Ayres, 108 kilo., completed March 20, 1888. Gauge, 5 ft. 6 in.; rail (steel), 56 lbs. This line forms the most important link in the transandine inter-oceanic railway route, connecting at Villa Mercedes with the National Andine Ry., and at Mercedes with the Western of Buenos Ayres. The total length of this route between Buenos Ayres and Valparaiso is 870 miles, against about 2,700 by water. Locomotive engines, 38; cars, 1,167. Capital consists of £1,000,000 first preference 7 per cent. cumulative shares, £100,000 second preferred shares, £300,000 deferred shares, £1,312,340 irredeemable 7 per cent. debenture stock, and £604,800 irredeemable 5 per cent. Mercedes debenture stock; a total of £3,317,140. The Federal government guarantees for 20 years, 7 per cent. annual interest on securities to the amount of nearly £4,000 per kilo. Earnings for year ending December 31, 1888, gross, $1,129,228; net, $318,386. *Local Board of Directors:* Dr. Lucas Gonzalez, *President*; Dr. Eduardo B. Madero, Dr. Delfin Gallo, and Henry Barker, *Secretary*, Buenos Ayres; James Clemison, *Engineer-in-Chief*, Dashwood House, London, Eng.; Christopher Hill, *General Manager*, Buenos Ayres, A. R.; J. E. & M. Clarke, *Contractors*, represented by Pretôt Freire in Buenos Ayres; F. O. Smithers, *Secretary*, Dashwood House, New Broad Street, London, E. C. PRINCIPAL OFFICE, Dashwood House, London, England.

Buenos Ayres and Rosario Ry. (Limited). *Line of Road completed:* Buenos Ayres to Sunchales, 341 miles. *Under construction:* Sunchales to Tucuman, 383 miles; Irigoyen to Santa Fé, 48 miles; Galvez to Morteros, 117 miles; San Lorenzo Station to Puerto San Martin, 4 miles—a total of 552 miles. The Puerto San Martin Branch was opened September 1, 1889, and 144 miles of the Tucuman Extension, from Sunchales to Pintos, on March 1, 1890; and the rest of the extensions will be completed before the close of the year. Gauge, 5 ft. 6 in.; rail (steel), 65 lbs. Locomotive engines, 57. Cars—passenger, 63; freight, 2,380. A British corporation, registered February 10, 1873, under the name of the Buenos Ayres and Campana Ry. Co., under which title the road was built from Buenos Ayres to Campana, 50 miles, and opened April 22, 1876. In 1884 the name was changed to above, the capital reduced and reconstructed, and the extension to Rosario, 140 miles from Campana, begun. The extension from Rosario to Sunchales, 151 miles, was opened June 15, 1887. The company had originally a guarantee from the Argentine Government of a revenue of £28,000 per annum, which, in 1883, was relinquished on the company obtaining concession for the Rosario extension. The line remains the property of the company in perpetuity. The capital account consists of £1,061,150, ordinary stock; £440,200 7 per cent. non-cumulative preference shares; £498,650 Sunchales Extension shares; £2,000,000 Tucuman Extension shares; and £1,000,000 Extension shares—a total of £5,000,000. There is also £2,000,000 debenture 4 per cent. stock. Earnings for year ending December 31, 1888—gross, £657,318; net, £332,983. Interest and dividend payments, etc., £259,414. Available surplus, £84,857. T. C. Clarke, *Engineer and General Manager*; J. F. Carlyle, *Locomotive Superintendent*. Office

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in Buenos Ayres, 205¼ Calle Piedad. Frank Parish, *Chairman Board of Directors;* J. B. Davidson, *Secretary.* Office in London, 2 Coleman Street, E. C.

Central Argentine Ry. (Limited). *Line of Road:* Rosario to Córdoba, 246.56 miles. Branches to Las Yerbas and Pergamino, 167.5 miles, completed early in 1890. Branches from Rosario to Pergamino, and from Pergamino to San Fernando under construction. The Buenos Ayres Northern Ry. (which see) is leased in perpetuity. Gauge, 5 ft. 6 in.; rail (steel), 56 to 65 lbs. Locomotive engines, 18. Cars—passenger-train, 39; freight-train, 749; total, 788. British corporation organized in 1864. Construction begun, 1865; main line opened in 1870; cost, £1,900,139. Cost of branches, £4,000 per mile. Capital—ordinary, £4,500,000; debenture 6 per cent., £700,000. Net revenue account, December 31, 1888, £416,415. Deduct £42,000 for interest on debenture stock, and £5,531 for income tax. Surplus, £368,884, from which was paid a dividend of 12 per cent. on ordinary stock. John Wilson Theobald, *Secretary,* 85 Palmerston Building, Bishopsgate Street, London, E. C.; Nicholas I. Bouwer, *Representative* in Buenos Ayres; Henry Fisher, *General Manager;* Malcolm Graham, *Resident Engineer;* Chas. Knight, *Accountant;* Wm. Robinson, *Traffic Superintendent;* Wm. O. Lucas, *Locomotive Superintendent,* Rosario de Santa Fé.

Central Argentine Andine Extensions Ry. Co. (Limited). Organized in February, 1890, with a capital of £500,000, to acquire a railroad already constructed between Villa Maria and Villa Mercedes, Argentine Republic (see Andine Ry.). *Agents;* Norton, Rose, Norton & Co., 5¼ Old Broad Street, London, E. C.

Central Tramway of Buenos Ayres. Tramway lines in the city of Buenos Ayres, 25,237 kilo. Gauge, 4 ft. 8½ in.; rail (steel), 41 lbs. Cars, 100; horses, 1,000. Passengers carried average 700,000 per month. Consolidated into Buenos Ayres United Tramways Co. on January 1, 1890. See Anglo-Argentine Tramways Co. Federico Lacroze, *Proprietor;* Carlos Lacroze, *Secretary;* José de Chapeaurouge, *General Superintendent;* M. Zclaya, *Traffic Manager;* L. Duchenois, *Chief Engineer,* Buenos Ayres, A. R. GENERAL OFFICE, Buenos Ayres, A. R.

City of Buenos Ayres Tramways Co. (Limited). *Tramway Lines in the City of Buenos Ayres,* 32.87 miles; 24 track, 4 miles; rail (steel), 42 lbs.; gauge, 4 ft. 8½ in.; cars, 350; horses, 2,200. British corporation registered in 1869. Capital, £596,000. Cost, to December 31, 1888, £343,498. Capital increased during 1889 by issue of 39,000 shares of £5 each — £195,000. Gross earnings, 1888, £286,452; net, £125,991, less loss on exchange, etc., £40,509—balance, £85,482. Passengers carried, 19,969,419. Consolidated into Buenos Ayres United Tramways Co. on January 1, 1890. See Anglo-Argentine Tramways Co. B. Isaac, *Chairman Board Directors;* John Heaton, *Secretary,* London; H. W. Ford, *General Manager,* Buenos Ayres. GENERAL OFFICE, 1 Great Winchester Street, London, E. C.

Commercio Tramway. From Concordia to Suburbs, 3 miles. Gauge, 3 ft. 10 in.; rail, 30 lbs. Cars, 8.; horses, 50. Federico Zoraquir, *General Manager,* Concordia, Arg. Rep.

Cordova and Northwestern Ry. Co. (Limited). Registered March 21, 1889, to acquire a concession granted by the provincial government of Cordova, in the Argentine Republic, for the construction of a railway from Cordova to Cruz del Eje, together with two short branches, one from La Calera to Las Canteras de Mal Paso, and the other from Santa Maria to Tanti Cuchi, in all about 100 miles. The concession is for 55 years from the opening of the line, and at the expiration of that period the property reverts to the government without payment. Surveys have been made and contracts let for the construction of the road. Share capital, £250,000 in shares of £10 each, and it is intended to issue not exceeding £1,057,067 5 per cent. debentures, repayable in 1943. H. G. Campbell, *Chairman Board of Directors;* Alfred Rumball, *Engineer;* Alex. Secretan, *Secretary.* Offices, 6 Great Winchester Street, London, E. C.

Cordoba Central Ry. Co. (Limited). City of Cordoba to line of Santa Fé Province, connecting there with the Western and Central Colonies Ry., a distance of 132 miles. Central Northern Section: Cordoba to Tucuman, with branches from Recres to Chumbicha, and from Frias to Santiago del Estero, a total length of about 530 miles. This company was registered August 11, 1887. The original line was taken over from the contractors in August, 1889. The Central Northern Section was purchased from the Argentine Government, the company issuing for that purpose £1,166,666 debenture 5 per cent. stock, including £262,063 for rebuilding and equipping the line, and the interest on these debentures is guaranteed for 15 years by the government. The authorized capital is £600,000, in shares of £20 each, £400,000 being preferred and £200,000 deferred; also £400,000 in 5 per cent. debentures. Sir G. Goldney, *Chairman Board Directors;* D. M. Munro, *General Manager,* Cordoba, A. R.; G. W. Hoghton, *Secretary.* Office, Dashwood House, 9 New Broad Street, London, E. C.

East Argentine Ry. (Limited). Concordia to Monte Caseros, 96 miles; Monte Caseros to Celbo Creek, 3 miles. Gauge, 4 ft. 8½ in.; rail (part steel), 65 lbs. Locomotives, 11. Cars—passenger, 22; baggage, etc., 6; box freight, 55; platform, coal, etc., 125. British corporation organized to carry out concession of Argentine Government, dated August 13, 1869. Road opened to Monte Caseros in 1875; to Celbo Creek in 1880. Government guarantees 7 per cent. on £10,000 per mile of completed road. The line follows the west bank of the Uruguay River. From Celbo Creek the company runs steamers to Uruguayana, Brazil. Capital stock (£960,000 authorized), £668,000; debenture 6 per cent. stock (£350,000 authorized), £317,000—total paid up, £985,000. Total cost to December 31, 1888, £960,003. Gross earnings, year ending June 30, 1888, £53,807; net earnings, £4,619. Oliver Budge, *General Manager and Chief Engineer;* Guillermo Grünwaldt, *Traffic Manager,* Concordia, Entre Rios, A. R. Representative in Buenos Ayres, River Plate Trust, Loan and Agency Company. Wilson Noble, M.P., *Chairman Board Directors,* London, E. C.; H. B. Templaer Powell, *Secretary,* Winchester House, 50 Old Broad Street, London, E. C.

Entre Rios Central Railway. Parana to Uruguay, 300 kilo. This road extends from the city of Parana to the city of Uruguay (known as Conception del Uruguay), and traverses the entire width of the Province of Entre Rios. The first section of the line to Nogoya, 125 kilo., was opened for traffic about the end of 1886, and the remainder in the following year. There are outstanding £1,530,800 1st mortgage 6 per cent. gold coupon bonds, secured by Government guarantee of one-half the service of the loan, not exceeding £260,000 per annum, and on the property tax, etc., of the Province; and £800,000 6 per cent. bonds, dated May, 1886, interest payable January and July; £1,745,600 extension 6 per cent. £100 bonds, dated January 1, 1888, interest payable March and September—total, £4,076,400. *Financial Agent,* C. De Murrieta & Co., 7 Adam's Court, Old Broad Street, London.

First Entre-riano Railroad. Gualeguaychú to Puerto Echagne, 10 kilo. Gauge, 4 ft. 8½ in.; rail, 42 lbs. Locomotive engines, 2. Cars—passenger, 4; freight, etc., 14. Owned by the Province of Entre Rios. Built in 1878. Cost $153,839. Gross earnings, 1888, $6,834; expenses, $11,848. GENERAL OFFICE, Gualeguaychú, A. R.

Mendoza and San Rafael Ry. Projected from Mendoza, capital of Province of Mendoza, to San Rafael, a village of 2,000 population, 180 miles south of the city of Mendoza. At Mendoza connection will be made with the Transandine line. Surveys are now in progress. The road is being built by the National Government. Senor Guillermo Villaneva, *Chief Engineer,* Mendoza, R. A.

Northern Colonies Ry. of Santa Fé. *Line of Road:* Santa Fé, capital of the Province of that name, to town of Lehman in same Province, 109 kilo.; opened July 1, 1885. Branch from San Carlos to Santa Fé opened in April, 1886, and from Santa Fé to Port of Colastine in October, 1886. Gross earnings, in 1886, $367,878.42; net, $134,751.99. An extension from Lehman north to the southern boundary of the lands of the Santa

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Fé Land Co. (Limited), 162.5 kilo., is under construction; capital provided, £1,039,500. Built and owned by the Provincial Government of Santa Fé. James Anderson, *Acting Secretary Council of Administration*, 61 Moorgate Street, London, E. C.; W. H. Monroe, *Manager of Railway*, Santa Fé, A. R. Messrs. C. de Murrieta & Co., bankers for the company, 7 Adam's Court, Old Broad Street, London, E. C.

Northwest Argentine Ry. Co. (Limited). This company was registered in London June 1, 1886, to acquire a concession granted by the Government of the Province of Tucuman in the Argentine Republic. The line extends from La Madrid, on the Central Northern (National Government) Ry. to the city of Tucuman, the provincial capital, a distance of 88 miles. The first section, from La Madrid to Santa Ana, about 30 miles, was opened July 28, 1888, and the whole line October 6, 1889. There is no monetary guarantee under the concession. The authorized capital is £550,000 in shares of £10. £350,000 being preference, and the balance in cumulative (deferred); and £350,000 in debenture stock. A contract has been entered into for the construction of the line for £340,000 in 6 per cent. debentures, a similar sum in preference shares, and £190,000 in deferred shares; while payment for the concession was made—£10,000 in preference shares, and £10,000 in deferred shares. The contractors guarantee to pay interest at 7 per cent. on the preference shares and on 17,000 deferred shares, and 6 per cent. on debenture stock until one year after the road is opened for traffic. Edward Woods, *Chairman Boad of Directors;* E. Harry Woods, *Engineer;* Charles Knight, *Secretary.* Office, 15 George Street, Mansion House, London, E. C.

Santa Fé and Cordoba Great Southern Construction Co. (Limited). Incorporated May 29, 1888, under the Companies Acts, 1862 to 1886, to purchase from C. Frederick Woodgate a concession granted by the Argentine National Government for a line of railway extending from Villa Constitucion *via* Melincué to Venado Tuerto, a distance of 103 miles, and to Villa Carlota, a distance of 84 miles, making a total length of 187 miles. The concession calls for the completion of the line by June 22, 1891. The road has been prepared for a distance of 100 miles, and 80 miles of track has been laid. An extension from Villa Carlota to Rio Cuarto, 61 miles, is projected. Share capital, £560,000 in 6 per cent. perpetual debenture stock. William Leighton Jordan, *Secretary.* PRINCIPAL OFFICE, 5 Copthall Buildings, London, E. C., England.

Villa Maria and Rufino Railway (*under construction*). This company has been formed to carry out a concession granted by the National Argentine Government for a railway in the Province of Córdoba, from Villa Maria on the Central Argentine Ry. to Rufino on the Buenos Ayres and Pacific Ry., a distance of about 140.5 miles. Work was begun in July, 1889, and by the close of that year about 10 miles of track was laid. Share capital, £525,060. Sir Gabriel Goldney, *Chairman;* F. O. Smithers, *Secretary;* James Cleminson, *Chief Engineer.* PRINCIPAL OFFICE AND ADDRESS, Dashwood House, 9 New Broad Street, London, E. C., England.

Western and Central Colonies Railways of Santa Fé. *Lines in progress:* San Carlos (N. C. Ext. Ry.) to Galocz (B. A. & R. Ry.) 35 kilo.; Gessler Colony to Corondo, 30 kilo.; Pilar (N. C. Ry.) southwest to boundary of Cordoba, 85 kilo.; Humboldt (N. C. Ry.) northerly, 80 kilo. Built and owned by Provincial Government of Santa Fé. Capital provided, £929,400, in bonds of £100 each, issued in London, January, 1887. Contractors, John C. Meiggs & Son. Coupons are payable April and October, and the bonds are repayable from a cumulative sinking fund of 1 per cent. per annum applied to half-yearly drawings in March and September, commencing after the opening of the railways. C. de Murrieta & Co., Bankers, London, E. C.

Western Railway of Buenos Ayres. *Lines of Road Completed:* Buenos Ayres to 9 de Julio, 262 kilo.; Lujan *via* Pergamino to Junin, 251 kilo.; Merlo to Lobos and Saladillo, 151 kilo.; La Plata *via* Temperley to Moron, 76 kilo.; La Plata to Ferrari, 39 kilo.; Pergamino to San Nicolas, 74 kilo.; Temper ey to Cañuelas, 47 kilo., and several small branches, aggregating 32 kilo.—927 kilo. *Under Construction and Projected:* 9 de Julio to Los Mellizos; and Saladillo to Alvear, 2d track, 46 kilo.; other tracks, 120 kilo.; total tracks (1,000 steel), 1,093 kilo. Gauge, 1.675 metre, equal to 5 ft. 5 in.; weight of rails—steel, 28 kg. per metre; iron, Barlow's, 44 kg., and Champignon, 32 kg.; length of rails, 8 metres. *Rolling Stock*, January 1, 1890.—Locomotive engines, 123. Cars—passenger, 122; baggage and mail, 67; freight, 3,778—total, 3,967. This road is owned by the Provincial Government of Buenos Ayres. Its construction was begun in 1853. Total cost of road and equipment, $35,887,290. Earnings in 1889, $6,417,297. The Cañuelas Branch was sold in February, 1890, and the sale of the rest of the lines has been ordered. In January, 1885, there were issued £496,000, 5 per cent. sterling mortgage debentures, part of an amount of 10,000,000 national dollars, authorized by law November 14, 1884, secured by a 1st mortgage upon the works to be constructed out of the proceeds of the loan, and a 2d mortgage upon the existing railway, its branches and rolling stock. Principal repayable 1915, unless previously redeemed by the sinking fund. Interest payable March and September, at office of Morton, Rose & Co., London. Reynaldo Otero, *Director-General;* Jorge N. Williams, *Secretary;* Felipe Pita, *Treasurer;* Luis V. Salinas, *Chief of Traffic, etc.;* H. Bustos, *Chief Engineer of Roadways and Bridges;* Marcos Mané, *Chief of Motive Power, etc.;* Carlos Arias, *Superintendent of Telegraph.* GENERAL OFFICE, La Plata, Buenos Ayres, A. R. G. S. Martinez, *Special Commissioner of the Western Railway of Buenos Ayres*, London; Morton, Rose & Co., *Financial Agents*, London, Eng.

Western Railway of Santa Fé. Rosario to San José de la Esquina, 110 miles; Villa Casilda to Melincué, 80 miles. There is also a line, building or built, to Juan Celman, in the Province of Cordoba; length not stated. Share capital, $12,000,000; funded debt: £200,000 7 per cent. bonds, due January 1, 1897, interest January and July; £300,000 7 per cent. bonds, due January 1, 1898, interest January and July; £600,000 7 per cent. bonds, due April 1, 1899, interest April and October. *Financial Agents;* Messrs. Baring Brothers & Co., London, Eng. GENERAL OFFICE, Rosario, Province of Santa Fé, A. R.

BARBADOS (Lesser Antilles).

(British dependency. Area, 166 square miles. Population about 35,000.) *Railway:* The Barbados Limited Ry. Co. (British corporation). *Line of Road:* Bridgetown to the Scotland district, 24 miles (crossing the island and affording rail communication to seven of the eleven districts). Gauge, 3 ft. 6 in.; sidings, 1 mile. Capital, £145,000; bonds, £50,000. Government guarantee of £6,000 per annum net income for 20 years. Cost about $30,000 per mile. Road opened September 10, 1882. Gross earnings, 1889, £9,976. Operating expenses, £11,207. Deficit, $1,231. V. Perronet Sells, *Secretary*, 110 Cannon St., London, E. C.

BRAZIL.

Alagoas Ry. (Limited). *Line of Road:* Maceio to Imperatriz, 55 miles. Gauge, 1 metre. Locomotive engines, 8. Cars—passenger, 9; pay and postal, 1; freight, 95. British company organized, 1881, to build this line under the concession granted to Domingos Mortinho and Jacquimda Silva Leão. Road opened December 3, 1884. Line runs along the valley of the Mundahú River in the Province of Alagoas. Imperial Government guarantees 7 per cent. per annum on maximum capital, £512,200 (of which £30,000 issued in shares, and £212,200 in debenture 6 per cent.) and reserves right of purchase. In October, 1889, the company issued £200,000 5 per cent. debentures, the proceeds to be applied to construction of a branch to Assemblea, a distance of 41 miles. The operation of the line resulted in a loss of £2,995 for 1888. A dividend of 5½ per cent. was paid from the Government guarantee. John Beaton, *Chairman;* Henry B. Briggs, *Secretary;* D. M. Fox, *Consulting Engineer.* GENERAL OFFICE in London, 40 Finsbury Circus, E. C. J. E. Wolfe, *Superintendent and Resident Engineer;* W. S. Abbott, *Locomotive Superintendent and Assistant Engineer*, Maceio, Alagoas, Brazil.

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Bahia and Minas RR. *Line of Road Completed;* Carvellas to Aymores, 142,401 kilo., and extension 15 kilo.; under construction to Philadelphia, 237 kilo. Gauge, 1 metre; rail (steel), 42 lbs. Locomotive engines, 2 English and 4 Baldwin. Cars—passenger, 6; baggage, 2; freight, 50. Built under concession granted to M. F. Argollo; construction begun January 25, 1881, and opened to Aymorés November 9, 1882; extension in 1882. Present company organized by concessionary January 13, 1883. M. F. Argollo, Carvallas; F. P. Mayrink and L. V. L. Rubeiro, Rio Janeiro, *Directors.* GENERAL OFFICE, Carvallas.

Bahia and San Francisco Ry. (Limited). *Line of Road;* Bahia to Alagoinhas, 77 miles. Gauge, 5 ft. 3 in. Rail (steel), 72 lbs. Locomotive engines, 12. Cars, 220. British corporation registered January 28, 1858. Earnings, 1889—gross, £165,645; net, £104,857. Paid dividend 6 per cent. Capital cost, £1,799,533; government guarantee, 7 per cent. *Timbo Branch;* Alagoinhas to Timbo, 52 miles. Gauge, 1 metre; rail (steel), 45 lbs. Locomotives, 6. Cars, 80. This is a separate undertaking. Earnings, 1889—gross, £22,682; net, £6,981. Dividends paid, 2½ per cent. Capital cost, £277,834; government guarantee, 6 per cent. Capital of main line, £1,800,000; capital of Timbo branch, £280,000. Leonard Micklem, *Secretary*, 38 New Broad Street, London, E. C.; Richard Tiplady, *Superintendent and Resident Engineer*, Bahia, Brazil.

Bahia and San Francisco Railway Extension. *Line of Road;* Alagoinhas to Villa Novada Rainha, 322 kilo. Gauge, 1 metre; rail (iron), 45.35 lbs. per yard. Locomotive engines, 20. Cars—passenger, 14; mail and baggage, 8; freight, 170—total, 192. This line is owned by the Provincial Government of Bahia, and forms an extension of the Bahia and San Francisco Ry. northwest from its terminus at Alagoinhas. In 1881 it was in operation from Alagoinhas to Santa Luzia, 181 kilo. Gross earnings, $95,208; expenses, $232,573. A continuation of this line is projected and now under construction to Joazeiro, on the San Francisco River. Antonio de Sampaio Pues Ferreira, *Director and Chief Engineer;* Gustavo Adolpho da Silveira, *Traffic Manager and Superintendent Telegraph*, Alagoinhas, Bahia; Paulino Lopes da Cruz, *Superintendent Car and Locomotive Repairs*, Aramary, Bahia; Gaetano Turquim de Almeida, *Resident Engineer;* Pedro Leopoldo da Silveira, *First Engineer;* João da Silva Rego, *Secretary;* João Coelho de Oliveira, *Treasurer*, Alagoinhas, Bahia. PRINCIPAL OFFICE, Alagoinhas, Bahia.

Bananal, Rio de Janeiro, Ry. From Saudade Station on the Dom Pedro II. line to Bananal, 31 kilo. Opened February 1, 1889; built by private individuals.

Benevente Minas Ry. Co. This Dutch company, domiciled in Antwerp, was organized in December, 1889, to build a railroad from Santa Luzia to Beneveute, Brazil. A syndicate composed of the Discount Company of Berlin, the North German Bank of Hamburg, the Rothschilds of Frankfort, the Brazilian Bank for Germany and the Banque d'Anvers, has taken over the company's 5 per cent. priorities, guaranteed by the Brazilian Government, to the amount of 12,000,000 francs.

Brazil Great Southern Ry. (Limited). *Line of Road;* Quarahim River (the dividing line between Uruguay and Brazil) to the town of Itaque on the Uruguay River, 110 miles, all in Province of Rio Grande do Sul. Line opened for traffic December 31, 1888. British company organized in 1883. Government guarantee of 6 per cent. on capital, £675,000 with reservation of right to purchase after 90 years. The capital issues are as follows: £250,000 6 per cent. mortgage debentures, interest payable February and August; £59,500 7 per cent. debentures, interest payable January and July; £140,500 6 per cent. permanent debentures; interest payable January and July; £225,000 preference shares of £20 each, and £119,000 deferred (A) shares of £20 each. Locomotive engines, 6. The cost of construction for the year ending December, 1888, was £791,292. W. J. Alt, *Chairman;* L. A. Williams, *Secretary;* Alfred Rumball, *Engineer*, London, E. C.; Charles Stuart, *General Manager*, Uruguayana, Brazil. PRINCIPAL OFFICE, Uruguayana, River Plate, Brazil. LONDON OFFICE, 14 Queen Victoria Street, London, E. C.

Brazilian Imperial Central Bahia Ry. (Limited). *Main Line;* São Felix to Queimadinhas, 100 miles; *branch;* Cachoeira to Feira de Santa Anna, 15 miles. Gauge, 3 ft. 6 in.; rail (steel), 40 lbs. Locomotive engines, 20. Cars—passenger, 70; baggage, 8; freight, 538. For year 1888 the revenue account shows a profit of £2,553. Dividends paid, 6½ per cent. British company organized in 1875. Construction begun in 1880; completed in sections; opened to Queimadinhas in December, 1885. Government guarantee of 7 per cent. on the capital, £1,462,500 for 30 years. Line projected to run to the San Francisco River. There has been made an issue of £80,000 5 per cent. debenture stock for the construction of a branch line to Olhos d'Agua, to provide working capital, etc. W. J. Stride, *Chairman and Managing Director;* E. Allen, *Secretary*, London, Eng.; I. Mawson, *General Manager and Representative in Brazil;* L. Lloyd, *Resident Engineer;* I. Webster, *Locomotive Superintendent*, São Felix, Bahia. PRINCIPAL OFFICE, 3 Queen Street, Cheapside, London, E. C.

Campos and Carangola Ry. (Limited). **(Estrada de Ferroda Carangola Ry.)** *Main Line;* Campos to Porto Alegre, 129 kilo.; Patrocinio branch, 39 kilo.; Itabopoano branch, 21 kilo.—total completed, 189 kilo. Main line projected to Santo Antonio dos Tombos, on the boundary line of the Province of Minas Geraes. Gauge, 1 metre; rail (steel), 90 kilo., 42 lbs. Locomotive engines, 9. Cars—passenger, 15; baggage, 2; freight, 75. Brazilian company, chartered April 12, 1872; construction begun in 1876; first section main line opened December, 1873; second, October, 1882. National Government guarantee of 7 per cent. on £675,000 capital for a period of 30 years terminating March 20, 1905, and this issue of bonds ranks first upon the revenue of the company. Gross earnings year ending June 30, 1887, 459,603,286 reis; net earnings, 113,957,251 reis. On December 10, 1889, the road was sold to the Barao de Araruama Ry. Co. for $7,550,000. Francisco Ferriera Salurnino Braga, *President;* Barão de Goytacazes, *Secretary;* José Cardoso Moriero, *Treasurer;* José Maria de Conceicas, Jr., *Engineer and General Manager.* GENERAL OFFICE, Campos. London agents: Louis Cohen & Sons, 31 Throgmorton Street, E. C.

Compagnie Générale de Chemins de Fer Brésiliens. *Line of Road;* Paravaqua to Curutiba, 110 miles. GENERAL OFFICE, Paravaqua.

Compania Braganatina. *Line of Road;* Campo Limpo Sta. on the San Paulo Brazilian Ry. to Braganca, 32 miles. Gauge, 1 metre; rail, steel. Locomotives, 5. Cars—passenger, 6; baggage and mail, 2; freight, 30; also, 6 flat and 2 cattle cars. Construction and equipment to December 31, 1886, $35,000 per mile. Gross earnings for 1886, $43,965. Net earnings, $4,901. Antonio J. Lune, *President;* José G. Christiano, *Secretary;* L. G. da Silva Lune, *General Inspector, Traffic Manager and Chief Engineer;* H. Ferreira, *Master of Locomotive Repairs;* J. Sallis Pupe, *Purchasing Agent.* Location of PRINCIPAL OFFICE, Braganza, State of San Paulo, Brazil.

Companhia Ferro Carrilde Jardino Botanico. *Tramway lines in the city Rio Janeiro and to the suburbs;* Larongeiras, Botafoyo, Olario and the Botanical Gardens—total length, 56 kilo. Gauge, 4 ft. 8½ in.; rail, 42 and 45 lbs. Cars—passenger, 69; freight, etc., 21. Mules and horses, 976. Passengers (paying), carried in 1886, 9,534,093. Net earnings, $394,350. Capital, $5,400,000. Barão de Ribeiro de Almeida, *President;* Simeon Miller, *Chief Engineer and General Manager;* Leopoldo C. de A. Daque Estrada, *Secretary;* Malrino da Silva Reis, *Treasurer.* GENERAL OFFICE, Rio de Janeiro.

Companhia Estrada de Ferro Macahe e Campos. Formed in 1869 under a concession from the Province of Rio de Janeiro. Share capital, £1,000,000 and £800,000 5 per cent. debentures. *Line of Road;* Campos to Port of Imbetiba, 61 miles. This company issued the following traffic returns for February, 1889:

"Number of kilometres opened, 298.5; number of kilometres opened 1888, 196.5; increase, 93. Receipts for 1889, 163,064 milreis, or equal to £18,345; receipts for 1888, 93,340 milreis, or equal to £10,500; increase, 69,724

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milreis, or equal to £7,845. Joseph Lynch, *Engineer*, Macahe, Rio de Janeiro; J. Baptista Pereira, *Traffic Manager*, Imbetiba, Rio de Janeiro."

Conde D'Eu Ry. (Limited). (State of Parahyba). *Line of Road:* Cabdello to Independencia, 115¼ kilo.; branch from Cobé Junction to Pilar, 24½ kilo.—total, 140 kilo. *Projected:* Extension of branch to Inga and construction of branch from Malungu to Alagoa Grande. Gauge, 1 metre; rail (steel), 50 lbs. Locomotive engines, 11. Cars—passenger, 27; freight, etc., 263. British corporation organized in 1875. Construction begun in 1882; opened to Malungu September 24, 1883; to Independencia, June 4, 1884; branch line opened November 28, 1883; extension to Cabdello in April, 1889. Government guarantee of 7 per cent. per annum on maximum capital of £675,000, with option of purchase. Gross earnings, 1888-89, £18,749; loss, £11,492. A. P. Yonle, *Chairman;* Gladstone Turner, *Secretary*, 27 Clement's Lane, Lombard Street, London, E. C.; Charles Neate, *Construction Engineer*, 4 Victoria Street, Westminster, S. W. LONDON OFFICE, 27 Clemont's Lane, E. C.

Corcovada Ry. Larangeiras to summit of Mount Corcovada, 3 kilo., 789 metres. Gauge, 1 metre. Operated exclusively for passenger traffic. Construction cost, 700,000 milreis. Gross earnings, 1884, 15,646 milreis; net earnings, 10,136 milreis.

Dom Pedro Segundo RR. (now **Central Brazil**). *Main Line and branches in State of Rio de Janeiro, etc.*, radiating from the city of Rio de Janeiro to leading towns of interior and to connection with all other important lines of railway in the States of Rio de Janeiro, Espiritu Santo, Minas Geraes and San Paulo. Total length, 440 miles. Gauge, 5 ft. 3 in.; rail (steel and iron), 56 to 72 lbs. Built by the late Imperial Government of Brazil and named after the ex-Emperor Dom Pedro II. Construction begun in 1861, in which year 63 kilo. of main line were opened, extensions and branches added from time to time and constructive operations not yet closed. After the revolution in November, 1889, the name was changed to Central Brazil Railway. Locomotive engines, 125. Cars—passenger trains, etc., 369; freight trains, etc., 1,412. Herculano V. P. Penna, *Director;* Jorge Rademaker Grunewald, *Manager:* Antonio Pereira da Rocha, *Assistant Manager;* Carlos Concado de Niemeyer, *Chief of Repair Shops and Rolling Stock;* José Carvalho de Souza, *Assistant Chief of Repair Shops and Rolling Stock;* Arthur Alvin, *Chief of Line;* Aarão Reis, *Chief of Telegraphy;* Manuel Fernandez Figueira, *Secretary*. GENERAL OFFICE, Rio de Janeiro.

Donna Thereza Christina Ry. *Line of Road:* Laguna to Imbituba and Tuberao (coal mines) State of Santa Catharina, 73 miles. Gauge, 1 metre; rail, 40 lbs. Locomotive engines, 8; cars—passenger, 8; freight, etc., 291. British corporation organized in 1876. Imperial Government guarantee on £631,040 capital, with privilege of purchasing. Construction and equipment to December 31, 1887, £731,040. Gross earnings for year ending June 30, 1889, £45,104; operating expenses, including debenture interest, etc., £46,510. Major-General J. P. Beadle, *Chairman;* Charles Bischoff, *Secretary;* J. H. Adams *Engineer*. LONDON OFFICE, 40 Old Broad Street, E. C. E. J. Brown, *General Manager*, Linguna, Sta. Catharina, Brazil.

Estrada de Ferro Baturite. *Line of Road:* Fortaléza (Province of Cerea) to Canao; total length, including branches to Alfandega, from Maracanabu to Maranguape, and the extension from Canao to Baturite, 109 kilo. Gauge, 1 metre; rail (steel, 15 miles), 45 lbs. Locomotive engines, 12; cars—passenger, 19; freight, 96. Owned by Provincial Government of Cerea. Amarilio Olinda de Vasconcellos, *Director and Chief Engineer;* Henrique Fogiare, *Manager of Workshops and Supply;* Fénelon Bomilcar da Cunha, *Secretary*. GENERAL OFFICE, Escriptorio, Central Providence, Cerea.

Estrada de Ferro de Cantagallo. *Line of Road;* Nictheroy to Rio Bonito and to Passagome *via* Macaco, with branches to Parahyba, Corte and San José—total, 165 miles. Gauge, 1.1 metres; rail, (steel, 60 miles), 42 to 70 lbs. Locomotive engines, 38; cars—passenger, 32; freight, etc., 208. This road is owned by the Provincial Government of Rio de Janeiro. Gross earnings first five months, 1886, $82,700; net, $46,500. Purchased in August, 1887, by the Leopoldino Ry. Co., which see.

Ferro Carril de Pernambuco (Tramway). Gustavo Adolpho Schmidt, *Superintendent*, Pernambuco.

Great Western of Brazil Ry. Co. *Main Line;* Recife to Limoeiro, 60 miles. *Branch;* Nazareth to Timbauba, 27 miles—total, 87 miles. Gauge, 3 ft. 3⅜ in.; rail (steel), 50 lbs. Locomotive engines, 18; cars—passenger-train, 22; freight-train cars, 289. British company registered December 21, 1872. Cost of construction to June 30, 1889, £750,302. Construction begun in 1881; main line opened in September, 1882; branch in February, 1888. Government guarantee of 7 per cent. per annum on capital of £562,500, with option of purchase. Gross earnings for year ending June 30, 1889, £74,014; net earnings, £25,985. Dividends paid, 6 per cent. Frank Parish, *Chairman;* H. Watts, *Secretory*, London; Jason Rigby, *General Manager and Chief Engineer*, Pernambuco, Braz. PRINCIPAL OFFICE, 2 Coleman Street, London, E. C.

Imperial Brazilian, and Natal Nova Cruz Ry. Co. *Main Line;* Natal to Nova Cruz, 75 miles. Gauge, 3 ft. 3⅜ in.; rail (steel, 75 miles), 48 lbs. Locomotive engines, 12; cars—passenger, 25; freight, 200. Company registered in 1878. Government guarantee of 7 per cent, per annum on capital of £618,300 for 30 years, with option of purchase after the expiration of that period. Cost of road and equipment to December 31, 1888, £800,000. For the year ending December 31, 1888, there was a loss in operations of £9,780. E. Rilinger, *Chairman;* Walter Miller, *Secretary*, London, E. C.; John H. Morant, *Resident Manager and Engineer;* Alex. J. O'Grady, *Traffic Superintendent*, Natal, Rio Grande do Norte. PRINCIPAL OFFICE, 4 Finsbury Circus, London, E. C.

Ituana Ry. *Main Line:* Jundiahy to San Pedro, with branch from main line to Itu, together 260 kilo. Gauge, 1 metre; rail, 35 lbs. Extension to San Manoel projected. Locomotive engines, 10; cars—passenger, 11; freight 92. Road opened in February, 1877. Capital, £593,000, of which £305,000 are guaranteed 7 per cent. per annum by Government of San Paulo. £150,000 6 per cent, debenture bonds issued in 1888. Net receipts for year ending June 30, 1887, £28,840. London agents, C. De Murrieta & Co., 7 Adam's Court, Old Broad Street, E. C. GENERAL OFFICE, Jundiahy, San Paulo, Brazil.

Leopoldina Ry. (State of Minas Geraes). *Line of Road:* Porto Novo do Cunha (Junction Dom Pedro II. RR.) *via* Leopoldina and São Geraldo northwest. Total length of completed main line and branches, 295.655 kilo. Extension and branches projected, 65 kilo. Gauge, 1 metre; rail, 49 lbs. Founded by a decree of the Brazilian Government, dated March 27, 1872. Locomotive engines, 20; cars—passenger, 45; freight, 300. In August, 1887, the Leopoldina Ry. Co. purchased from the Province of Rio Janeiro the Cantagallo Ry., about 253 kilo., extending from Nactheny to Macuco in the Province of Rio Janeiro. Share capital, £5,000,000; £500,000 6 per cent. bonds, and £2,000,000 5 per cent. debentures. These debentures are secured by a first mortgage on the Cantagallo Ry. and other extensions. In December, 1889, the railroad was sold. P. L. Monteiro, *Traffic Manager;* K. de Steiger, *Superintendent of Locomotives;* Lniz de Sobral Pinto, *Engineer*. GENERAL OFFICE, Porto Novo de Cunha.

Macahé and Campos Ry. Co. (Rio de Janeiro). This company was formed in 1869 under a concession from the province of Rio de Janeiro, Brazil. The concession is for 50 years from 1870, but the railroad is the property of the company in perpetuity, and there is no monetary guarantee. Besides the railroad, the company owns the port of Imbetiba, steamers, etc. The paid-up share capital is about £1,350,00. There were issued in July, 1888, on the above property, £800,000 5 per cent. debentures, and since then there have been issued an additional £500,000 5 per cent. debentures on the Cantagallo and San Sebastian sections, together 119 kilo., on the Miraceme extension, 12 kilo., under construction, and on other property. The company purchased the Santo Antonia de

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Padua Ry. from Lucca to Miracema, 93 kilo. Gauge, 2 ft, 11½ in.; rail, 40 lbs. *Financial Agents:* Louis Cohen & Sons, 31 Throgmorton Street, London, E. C.

Minas Central Ry. of Brazil (Limited). *Line of Proposed Road:* From a point of junction with the Dom Pedro Segundo RR. to the City of Pitangui on the San Francisco River, about 250 kilos. British corporation, registered April 25, 1883, to acquire a concession granted by the Government of Minas Geraes, which guarantees an income of £60,750 for 30 years from construction of line and interest during construction. Company is also granted a monopoly for 50 years, during which no competing line can be built within 30 kilo. Capital stock, £732,500 and £300,000 debentures. Scarcely any work has been done on the railway, and the concession has been declared void by the provincial government. The company is making efforts to have this decree rescinded. H. Clarke, *President*, 32 St. George's Square, London; Smith, Payne and Smith, *Bankers*, London; Albert H. Walker, *Secretary*, 6 Great Winchester Street, London, E. C. *Engineers*, Geo. Manders, in Brazil; William Martineau, 6 Great Winchester Street, London, E. C.

Minas and Rio Ry. (Limited). *Line of Road:* Cruzeiro (junction Dom Pedro Segundo RR., State of San Paulo) to Tres Coracoes (State of Minas Geraes), 170 kilo. Gauge, 1 metre; rails (all steel)—on first section, 32 kilo., 50 lbs.; on remainder of line, 40 lbs. Locomotive engines, 14. Cars—passenger, 20; freight, 122. British corporation, registered April 24, 1880. Road opened June, 1884. Government guarantee of 7 per cent. per annum on maximum capital of £1,743,216, with option of purchase. The captital consists (January 1, 1890) of £1,000,000 in fully paid shares of £20, and £671,400 (balance outstanding of £743,200) 6 per cent. debentures of £100 issued partly in December, 1881, at 102, and partly in June, 1882, at 104. The guaranteed dividend of 7 per cent. per annum has been paid up to June, 1889. In 1888-89 the net profit on the working of the road was £28,823. The company has obtained concessions for an extension of the road from Curacoes to navigable water of the Rio Verde, 36 miles, and for a branch from the main line, at Kialo, 106, to Campanha, 25 miles; the guaranteed capital for the extension being 1,695,000 milreis and for the branch 2,509,500 milreis. R. C. Preston, *Secretary*, 15 Victoria Street, Westminster, S. W.; F. E. Fenn, *General Manager and Representative*, Cruzeiro, Brazil.

Mogyana Ry. Co. Campinas to Cabo Verde and from near Casa Branca to Jaguara, with branches from Jaguara to Amparo, from Mogy Mirim to Penha and from a point near Sertaoshino to Pocos de Caldos, in all about 700 kilo. Gauge, 1 metre; rail, 45 lbs. Locomotive engines, 12. Cars—passenger, 12; freight, 100. Brazilian corporation. Share capital, $26,000,000 (Brazilian), or about $13,000,000 (U. S.), and there are outstanding £457,100 5 per cent. mortgage debentures. A dividend at the rate of 15.3 per cent. per annum was paid for the first half of 1889. Financial agents: English Bank of Rio de Janeiro (Limited), 3a Moorgate Street, London, E. C. General Office, Campinas, San Paulo, Brazil.

Nazareth Ry. (Tramway). Nazareth to Copeiia of S. Antonio de Geras, 34 kilo. Gauge, 1 metre; rails, 24 kilo. to the metre. Locomotives, 5. Cars—passenger, 12; freight, 31. Capital, 1,049,000 milreis, on which 7 per cent. is guaranteed by the Province of Bahia for 20 years from 1880, when the line was opened for traffic. Extension projected from Santo Antonio de Jesus to Amargora.

Nictheroy Tramway. In City of Nictheroy, State of Parahyba. *General Balance Sheet*, December 31, 1886. Capital, $250,000; debentures, $234,100; sinking fund, $5,800—total, $489,900. *Contra:* Cost of road and equipment, $501,535. No further information.

Para and Braganca Ry. (State of Para). *Projected Line of Road:* Beiem or Para to Braganca, 263 kilo. Completed from Belem to Apehu, a distance of 61 kilos. Locomotive engines, 3. Cars—passenger, 5; freight, 21. Capital, 8,000,000 milreis, of which 7,364,000 bear interest at the rate of 7 per cent. guaranteed by the local Government of Para.

Parangua and Coratiba RR. (State of Parana). Completed from Paranagua to Morretes, 41 kilo. Gauge, 1 metre. To be extended 70 kilo.

Paulo-Affonso Ry. (State of Alagoas). *Line of Road:* Piranhas to Jatoba, 116 kilo., following the north bank of San Francisco River. Gauge, 1 metre; rail (steel), 42 lbs. Locomotive engines, 6. Cars—passenger, etc., 10; freight, etc., 58. Built and owned by Government of Alagoas. Opened in August, 1883. Worked at a loss. Total cost, $2,550,000. Louis Fellippe Alvas de Nobrega, *Chief Engineer;* Manoel Clementino Aranho, *Resident Engineer;* Claudo Livio dos Reis, *Locomotive Superintendent;* Carlos Ajusto Zanotti, *Secretary*. General Office, Piranhas, Alagoas.

Porto Alegre and New Hamburg (Brazilian) RR. Co. (Limited) (Province of SaoPedro de Rio Grande do Sul). *Line of Road:* Porto Alegre to New Hamburg, 26.75 miles. Gauge, 1 metre; rail (part steel), 42 lbs. Locomotive engines, 5. Cars—passenger, 23; freight, etc., 45. British corporation, organized in 1870; concession granted by Provincial Government, which also guarantees a net revenue of 7 per cent. per annum on a capital of £202,500. Capital account—preferred shares, £200,000; ordinary shares, £92,500; 6 per cent. mortgage debenture stock, £200,000—total, £492,500. Cost to December 31, 1888, £404,613. Gross earnings, 1888, £27,613; net, £14,212. Dividends paid, 2½ per cent. William Tweedie, *Superintendent and Engineer;* Henry Marshall, *Accountant*, Porto Alegre, Province of Rio Grande do Sul, Brazil; Chas. Coote, *Secretary* (*pro tem.*). General Office, 110 Cannon Street, London.

Recife and Caruaru RR. (State of Pernambuco). Under construction from Recife westward to Caruaro, 110 kilo. Gauge, 1 metre. General Office, Recife, Pernambuco.

Recife and Caxanga Ry. (Brazilian Street Ry. Co. Limited). Tramway lines in the city of Recife and to suburbs. *Main Line:* Recife to Dois Irmaois, 6.75 miles; branches, Entrocamento to Monteiro, 3.25 miles; Entrocamento to Varsea, 5.50 miles. Total length of main line and branches, 15.5 miles. Gauge, 4 ft.; rail (steel), 45 and 48 lbs. Locomotive engines, 12. Cars—passenger, 43; freight, etc., 21—total, 64 cars. British corporation, established in 1868, to construct and maintain street railway lines in the chief towns of Brazil. At the present time, the only one built is the above. Capital (in three classes), December 31, 1888, £143,630. Dividends paid in 1888, 4½ per cent. W. Martineau, *Chief Executive Officer;* Jno. Butt, *Secretary;* Howard Fletcher, *Manager;* C. O. Severs, *Chief Engineer*. Local Office, Pernambuco, Brazil. Principal Office, 75 Coleman Street, London, E. C., England.

Recife and Olinda RR. Tramway and suburban road. Gauge, 4 ft. 7 in.; rail, 45 lbs. Locomotive engines, 6. Cars—passenger, 15; freight, etc., 28. Gross earnings, $12,300 per mile; net, $3,200. General Office, Recife, Pernambuco.

Recife and Sao Francisco Pernambuco Ry. (Limited). *Line of Road:* Cinco Pontas (City of Recife) to Una (or Palmares), 77.5 miles. Gauge, 5 ft. 3 in.; rail (steel, 4 miles), 80 lbs. *Government State Extension Line:* Una to Garanhuns, 90 miles; gauge, 1 metre. Locomotive engines, 19. Cars—passenger, 27; freight, etc., 355—total, 382. Incorporated in 1854. Construction begun, 1856; completed, 1862. Total cost, £1,842,169. The railway is the property of the company in perpetuity. Concession, 90 years, with option of purchase on special terms. Government guarantee, 7 per cent.—5 per cent. by national, and 2 per cent. by provincial government, both paid by national government—equal to £80,283 net per annum. Gross earnings year ending June 30, 1889, £114,382; net, £49,953. Visconnt Gort, *Chairman;* Underwood P. Harris, *Secretary*, 15 Old Jewry Chambers, London, E. C.; Wells Hood, *Superintendent and Engineer*, Recife, Pernambuco.

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Recife and Sao Francisco Pernambuco Ry. Extension. Completed from Una to Recife, 75 miles. Built and owned by the Government of Peruambuco. Constructed in 1882-1885. Dr. Francisco José Gomes Collaca, *Director and Chief Engineer*, Pernambuco.

Rio Claro Sao Paulo Ry. Co. (Limited). Rio Claro to Araraquaro, *main line*, and Visconde do Rio Claro to Jahu, *branch line*, together 264 kilo. or about 164 miles. Gauge, 1 metre. Concession granted in 1880 to the Companhia Rio Claro, and road completed by that company in February 1887. The present (British) company was organized June 22, 1889, with authority to purchase the railroad and build extensions from Araraquaro to Jaboticabal and thence to Barretos, and from Jahu to Sapé and thence to the Colony of Itapura on the River Parana. The concession is for 50 years, and the government of Sao Paulo has the right of purchase at any time after 15 years from the opening of the road. Net revenue in 1888, £61,298. Capital account—£800,000 ordinary shares of £10 each and £600,000 5 per cent. debenture stock. Sir Edwin H. Galsworthy, *Chairman*; Grafton W. Cattley, *Secretary*. OFFICE, 2a Moorgate Street, London, E. C. *Director Resident* in Brazil, Conde do Pinhal, Rio Claro, Sao Paulo.

Rio de Janeiro and Northern Ry. Company registered December 13, 1887, to acquire a concession granted by the Brazilian Government and dated November 4, 1882. The concessions are for a total length of about 67 kilo., and when the line was taken over 45 kilo. were in operation, and the remainder is still under construction. Concession runs for 70 years, after which the railroad reverts to the Government. In 18.. an agreement was entered into for the purchase of the properties of the Principe do Grao Para Ry. Co., comprising 91 kilo. of road constructed, 26 kilo. to be completed about August, 1889, steamers, etc. This latter company was founded in 1879. Its line of road extended from Manuá to the city of Petropolis, thence to San José de Rio. A further extension to Entre Rios, to connect with Dom Pedro Segundo Government Ry., is under construction. Capital for original undertaking, £500,000 shares and £300,000 debentures or debenture stock. For the Principe de Grao Para Division, the capital is to be about £1,300,000 debentures. Issued: £250,000 ordinary and £305,000 preference shares, £250,000 6 per cent. debentures; £1,200,000 P. do G. P. Div. 5 per cent. 1st mortgage sterling debentures. Lt.-Col. F. D. Grey, *Chairman*; E. Allen, *Secretary*. PRINCIPAL OFFICE, 3 Queen Street, Cheapside, London, E. C., England.

Rio de Ouro Ry. Quinta do Caju to River de Onro, 53 kilo., 284 metres. *Branches*: Inhauma, 2 kilo., 171 metres; Iguasso, 12 kilo.; Engeaherode Deutro, 933 metres; Olaire Reis, 274 metres—Total length of main line and branches, 68 kilo., 672 metres. Owned by the Government, and used for the purpose of conveying material for the works which supply the City of Rio de Janeiro with water. Gauge, 1 metre. Locomotives, 5. Cars—passenger, 11; freight, 63. Construction, 1,164,813 milreis. Worked at a considerable loss. Gross earnings, 93,250 milreis; deficit, 40,800 milreis.

San Paulo Brazilian Ry. (Limited). *Line of Road*: Santos to Jundiahy, 86.5 miles. Gauge, 5 ft. 3 in.; rail (steel), 65 lbs. Locomotive engines, 30. Cars—passenger train, 62; freight train, 1,129—total, 1,191. British company, incorporated in 1859; construction begun, 1860; whole line opened, February, 1867. Total cost, £2,750,000. Imperial Government guarantee of 7 per cent. per annum on capital stock of £2,650,000, with option of purchase. Share capital, £2,000,000; debenture stock, £750,000. Net revenue applicable to dividends year ending June 30, 1889, £422,000; dividends paid, 12 per cent. Martin R. Smith, *Chairman*; G. A.. Hiller, *Secretary and Purchasing Agent*, London, E. C.; Wm. Speers, *Superintendent*; John Barker, *Locomotive Superintendent and Engineer*, San Paulo, Brazil. LONDON OFFICE, 111 Gresham House, Old Broad Street, E. C.

San Paulo and Rio Janeiro Ry. *Line of Road*: San Paulo to Cachoeira, and junction with the Dom Pedro II. Ry., 140 miles. Gauge, 1 metre; rail (steel), 150 kilo. Locomotive engines, 20. Cars—passenger, 20; baggage, 3; freight, 176. British corporation organized in 1858. Road opened throughout, July 8, 1877. Provincial Government of San Paulo guarantees 7 per cent. per annum on £1,200,000 capital with right of purchase. The due payment of this interest for 30 years is guaranteed by the Brazilian Imperial Government. Share capital, 10,665,000 milreis; 6 per cent. debentures outstanding, £603,700. GENERAL OFFICES, London, England, and San Paulo, Brazil. *Financial Agents*, Louis Cohen & Son, 39 Throgmorton Street, London, E. C.

Santo Amoro Ry. City of Santo Amoro to Jacu, 36 kilo. Gauge, 1 metre. Locomotive engines, 4. Cars—passenger, 6; freight, 38. Also 18 trolleys. Owned by the Government of Bahia. Construction, 66,629 milreis per kilo. Gross earnings, 1884, 115,474 milreis; net earnings, 5,825 milreis.

Sobral Ry. (Province of Ceara). Camocim to Sobral, 129 kilo. Extension of 87 kilo. to Ipu projected. Built by the Government. Locomotive engines, 5. Cars, 45. Total cost about 6,000,000 milreis. Gross receipts in 1884, 63,997 milreis; net loss, 86,153 milreis.

Sorocabana Ry. *Line of Road*: San Paulo to Botucatu and branch to Itapetininga, together 350 kilo. Gauge, 1 metre; rail, 42 lbs. Locomotive engines, 10. Cars—passenger, 11; freight, 72. Brazilian corporation. Road opened in Tiete in 1885; extended to Botucatu and to Itapetininga in 1886-88. There are outstanding £195,500 6 per cent. debentures. Total cost, about $4,500,000. GENERAL OFFICE, San Paulo, Brazil.

Southern Brazilian Rio Grande do Sul Ry. Co. (Limited) *Line of Road*: Rio Grande to Bagé, 175 miles. Gauge, 1 metre; rail (steel), 42 lbs. Locomotive engines, 16. Cars—passenger, 25; freight, 198. British corporation organized in 1883 to acquire certain concessions, etc., for the construction of a line of railway which had been partly built by the French company La Champagnie Imperiale do Chemin de Fer de Rio Grande do Sul (Bresil). Line opened December 2, 1884. By the terms of the concession the Government guarantees for 30 years 7 per cent. on capital of £1,521,163; no competing line within 20 kilo. to be sanctioned for 90 years without company's consent; but reserves option of purchase after 30 years. Construction and equipment to December 31, 1885, £1,674,684. Gross receipts, 1888 (including government guarantee), £160,689; expenses (including debenture interest), £127,454. Average dividends, 7 per cent. per annum. Capital stock, £600,000; deb. stock, £975,592. Lt.-Col. F. D. Gray, *President*; A. Duprat, *General Manager*; B. de Hollebeun, *Chief Engineer*; D. Black, *Superintendent*; Charles Bischoff, Jr., *Secretary*, 40 Old Broad Street, London, E. C.

Taquary and Uruguayana Ry. (State of Sao Pedro de Rio Grande do Sul). Projected to run from Tauquary, near Porto Alegre, due west to Uruguayana. *Line of Road* (completed): Taquary to Santa Maria, 162.75 miles. Between Santa Maria and Cacoquay, 71.5 miles more are under construction, leaving 164.5 miles yet to be constructed. Gauge, 1 metre; rail (steel), 40 to 45 lbs. Locomotives, 22. Cars—passenger, 15; baggage, etc., 3; freight, 93; also 18 cattle trucks, 3 munition wagons, and 2 prison cars. Construction and equipment to December 31, 1885, $8,743,200. Gross earnings for year, $231,760; expenses, $248,443. Deficit on operations, $16,683. Engenio Adriano Pereira da Cuncha e Mello, *President and General Manager*; Arthur T. Ubatuba, *Secretary*; Antonio Carlos Ferreira da Silva, *Treasurer*; Dominigo G. Azevedo, *Superintendent*; J. J. Sá Freire, *Resident Engineer*; A. C. A. Sodré, *Supt. Locomotives*; Antonio Gomes dos Passos Perdigao, *Master Car Builder*; José de Azerio Paes, *Purchasing Agent*. Location of PRINCIPAL OFFICE, Porto Alegre. Road being built by General Government. GENERAL OFFICE, Taquary.

Unalo Valenciana Ry. Desengano to Rio Preto, 63 kilo. 350 metres. Gauge, 1.10 metre; rails, 20 to 22 kilometres to the metre. Locomotive engines, 5. Cars—passenger, 4; freight, 36. Capital, 1,080,000 milreis. Construction cost, 1,692,269 milreis, of which 270,000 milreis was contributed by the Province of Rio de Janeiro. Gross earnings, 1885, 217,044 milreis; net earnings, 55,859 milreis.

Western Ry. of San Paulo (Companhia Paulista de Estrada de Ferro do Oeste). *Line of Road*: Jundiahy (junction San Paulo Ry.) *via* Campinas to Belem do Descalvado, 125 miles; branch from Condeiras *via*

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Rio Claro to the Mogy Gassu river at Pinhal, 26 miles—total, 151 miles. Gauge, 5 ft. 3 in.; rail (part steel), 56 to 72 lbs. Locomotive engines, 14. Cars—passenger, 25; freight, etc., 306. Brazilian corporation organized under Imperial decrees, and road built without aid of foreign capital. Total cost, about £6,500 per mile. Share capital, $20,000,000; debenture 6s. outstanding, £126,700. Dividends paid in 1888, 12 per cent. Reserve fund, $1,127,998. *Directors:* Dr. Fidencio Nepomuceno Prates, Dr. Luis de Vasconcellos, Dr. Nicholas Queiros, and Dr. Elias Chaves. Walter L. Hammond, *General Manager and Chief Engineer*, Jundiahy; Max Mundt, *Traffic Manager*, Campinas; R. G. B. Davids, *Telegraph Engineer*, Campinas. GENERAL OFFICE, San Paulo.

MINOR RAILROADS.

Bananlense Ry. (Province of Rio Janeiro), 27 kilo.; gauge, 1 metre.

Campos and San Sebastiao Ry. 18.2 kilo.; gauge, 0.95 metre.

Commercos and Rio das Flores (Province of Rio de Janeiro), 11.2 kilo.; gauge, 1 metre.

Juiz de Fora and Piou RR. (Province of Minas Geraes). In operation, 40 kilo. Under construction an extension to Rio Nova. Capital, $900,000, on which local Government guarantees 7 per cent. for 30 years.

Oeste Ry. (Province of Minas Geraes), 99.196 kilo. Gauge, 1 metre. Extension projected from S. Joac d'El Rey to Ribeirao and Oliveira, 30 kilo. Contractors, Castlo, Rocha & Co. Capital, $2,000,000. The local Government guarantees 7 per cent. for 40 years.

Piraybeuse Ry. (Province of Rio de Janeiro), 34 kilo. Gauge, 1 metre.

Pitanguy RR. (Province of Minas Geraes), 56 kilo. Gauge, 1 metre.

Porto Novo do Cunha and Paquequer Ry. (Province of Rio de Janeiro), projected and partially built from Porto Novo, where connection is made with the Dom Pedro and the Leopoldino Rys., east to Paquequer, 20 miles. Gauge, 1 metre.

Rio Novo Branch Ry. (Province of Minas Geraes), 99.196 kilo. Gauge, 2 ft. 6 in.

Rezende and Arelas Ry. (Province of Rio de Janeiro), 29 kilo. Gauge, 1 metre.

Rio Bonito and Junurnahyba RR. (Province of Rio de Janeiro), 8.5 kilo. Gauge, 1 metre; rail, 40 lbs.; locomotive, 2; cars, 6.

San Fedelis RR. (Province of Rio Janeiro), 76 kilo.; projected and under construction.

Santa Isabel do Rio Preto Ry. (Province of Rio de Janeiro), running to Santa Isabel and Rio Preto; 43 kilo. open; 38 kilo. under construction.

Union Mineira Ry., 117 kilo.

BRITISH GUIANA.

Demerara Ry. *Line of Road:* Georgetown to Mahaicá, 20 miles. Gauge, 4ft. 8½ in.; rail, 65 lbs. Locomotives, 10 (English); average weight, 28 tons. Cars—passenger, 19; freight, 204. British corporation. Organized in 1845. Road completed and opened throughout its entire length, September 1, 1864. Construction and equipment to December 31, 1888, $1,296,000. Gross earnings for 1888, $153,984.39; expenses, $86,839.26. Net earnings, $67,145.13. Capital, £280,000. Average dividend about 4½ per cent. F. A. Mason, *President and General Manager;* James Smellie, *Cashier*, Georgetown, Demerara; V. Perronet Sells, *Secretary*, 110 Cannon Street, London, E. C. PRINCIPAL OFFICE, Georgetown, B. G.

CHILI.

Anglo-Chilian Nitrate and Ry. Co. (Limited). *Line of Road:* Tocopilla to Peregriva, 52.5 miles. Gauge, 3 ft. 6 in. Locomotives, 11; bogil-wagons, 120; guards' vans, 3, and composite passenger carriages, 3. Registered in London, March 28, 1888, under the Companies Acts, to acquire nitrate grounds situated in the Province of Antofagasta, Chili, and to construct a railway and other works in connection therewith. Authorized share capital £500,000 (or which £350,000 is preference, and remainder ordinary), and £200,000 6 per cent. 1st mortgage bonds. William Macandrew, *Chairman;* Noel West, *Secretary*. PRINCIPAL OFFICE, London, E. C., England.

Antofagasta (Chili) and Bolivia Ry. Co. Formed for the purpose of acquiring from the Compania Huanchaca de Bolivia the concessions granted by the Governments of Bolivia and Chili for the construction of railways and telegraphs from Antofagasta in Chili to Huanchaca in Bolivia, a distance of about 650 kilo. The whole of the Chilian line, 440 kilo. in length, has already been opened for traffic, and the Bolivian line is nearly completed. Capital, £1,450,000, of which $1,150,000 issued early in 1889. Emanuel M. Underdown, *Chairman;* H. D. Greville, *Secretary;* James Livesey & Sons, *Engineers*. PRINCIPAL OFFICE, 57½ Old Broad Street, London, E. C., England.

Arica and Tacna Ry. Co. *Line of Road:* Port of Arica to Tacna, 40 miles. British corporation, incorporated in 1853. Road opened in 1854. Capital, representing cost, £450,000. Gross earnings, year ending March 31, 1889, £33,550; net revenue, £10,268; from which was paid a dividend of 2 per cent. This road is situated in territory acquired from Peru, under the terms of the Treaty of Peace of 1883. C. J. Hegan, *Chairman and Managing Director*, 40 New Broad Street, London, E. C.; J. W. Firth, *General Manager of Ry.;* J. N. Lawrence, *Residing Engineer and Locomotive Superintendent*. LOCAL OFFICE, Tacna.

Antofagasta (Nitrate and) Ry. Co. *Line of Road:* Antofagasta to Chonchi, 185 miles; branches, extensions, etc, 20 miles. Gauge, 2 ft. 6 in.; rail (steel), 35 lbs. Locomotive engines, 19. Cars—passenger, 7; freight, etc., 787. This line is situated in the territory acquired from Bolivia under the terms of the Treaty of Peace of 1883. Gross earnings, 1885, $684,161.85; net, $233,206.32. Dividend for half year, December 31, 1885, 5 per cent. Frederico Varela, *President;* Juan Pardo, *Secretary*, Valparaiso; P. M. Wessel, *General Manager;* Hernando Ramirez, *Traffic Manager*. GENERAL OFFICE, Antofagasta, Chili.

Aranco Ry. Co. (Limited). British corporation, registered August 23, 1886, to acquire from the Chilian Government a concession to build about 100 kilo. of railway, the concession being in perpetuity, with no option of government purchase, and the government guaranteeing 5 per cent. interest on a capital cost of £450,000. The line is under construction, and will be completed early in 1890. The company also holds coal and other properties on lease from private parties. Application has been made to the government for permission to build a branch 8 miles long to the town of Aranco. Cost of road to September 30, 1889, £439,145. Share capital (£125,000 preference), £250,000, increased in February, 1890, by issue of £150,000 ordinary shares; debenture 5s, £400,000. Col. J T. North, *Chairman;* B. Depledge, *Secretary*. OFFICE, 3 Grace Cearch Street, London, E. C.

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Carrizal and Cerro Blanco Ry. *Lines of Road:* Carrizal to Yerba Buena, Canto del Agua to Carrizal Alto, and branch *via* Jarilla to Merciditas—total length, 98 miles. Gauge, 4 ft. 2 in.; rail (steel, 40 miles), 42 lbs. Locomotive engines, 11. Cars—passenger, 10; freight, etc., 210. British corporation, formed July 1, 1880, by consolidation of Carrizal Ry. (Carrizal to Canto del Agua, 126 miles, opened in 1867) and the Cerro Blanco Ry. (Canto del Agua to Yerba Buena, 41 miles, opened in 1868). Branch to Jarilla, 20 miles, built in 1886 and extended to Merciditas, 8 miles, in 1888. Gross earnings for half-year ending June 30, 1888, $99,703.35; net earnings, $28,-236.98. Capital, $1,500,000. Dividends average about 8½ per cent. per annum. James Lyon, *President;* John King, *Engineer and General Manager;* Alexander Turple, *Master Mechanic*, Valparaiso; Sothers & Co., Valparaiso, and G. A. Tilney & Co., H10 Exchange Buildings, Liverpool, *Secretaries.* LOCAL OFFICE, Valparaiso.

Chañaral Ry. *Line of Road:* Chañaral to Salado and Animas, 55 miles. Purchased by the Chilian Government in 1888.

Chilian Government Railways. *Line of Road:* Valparaiso to Talcahuano, 770 kilo.; San Rosendo to Traiguen, 145 kilo.; Renaica to Collipelli, 42 kilo. Branch to Andes, Mercado, Balmilla Angles, 114 kilo.—total, 1,071 kilo.; 2d track, 8 kilo. Rail (steel, 560 kilo.), 65 to 72 lbs Cost to December 31, 1888, $47,705,593.24. Gross earnings fiscal year 1888, $6,349,621.30. Net earnings, $2,152,370.64. These lines were built and are owned by the Federal Government of the Republic of Chili. The Chañaral Salado and Las Animas Ry. has been recently purchased by the Chilian Government. Gauge, 1.67 metres, Locomotive engines, 132. Cars—passenger, 303; freight, 2,177. H. Porez de Arce, *President;* Louis Barriga, *Secretary;* Conrodo Cuevas, *Treasurer;* Benjamin Videla, *Traffic Manager;* Enrique Budge, *Chief Engineer*, Santiago; C. Duran, *Purchasing Agent*, Valparaiso. GENERAL OFFICE, Santiago.

Copiapo Ry. *Line of Road:* Caldera to San Antonio, 151.23 kilo.; Charnacillo branch, Pabellon to Charnacillo, 45.01 kilo.; Puquios branch, Paipote to Puquios, 50.29 kilo.—total, 241.53 kilo. Sidings, etc., 31 kilo. Gauge, 4 ft. 8½ in.; rail (steel, 31 kilo.), 56 to 72 lbs, Locomotive engines, 18. Cars—passenger, 36; baggage and mail, 9; box, 24; platform, 241. For history see MANUAL for 1889. Capital, $4,200,000. Total cost of road and equipment to December 31, 1886, $4,242,162. Gross earnings, 1888, $605,619.76; operating expenses, $428,101.32; net earnings, $177,518.44, from which was paid a 4 per cent. dividend; net, $265,885.53. Agustin Edwards, *President*, Valparaiso; Juan D, F. R. Budge, *Superintendent;* Charles M. Savago, *Treasurer;* Francis Fisher, *Engineer*, Coplapo; Richard Jacques, *Chief of Machinery;* John Ludwig, *Master Car Builder;* J. H. Mackenzie, *Master Mechanic*, Caldera; Edward Kelsall, *Master Mechanic*, Coplapo; Charles Porter, *Storekeeper*, Caldera; *Secretaries*, G. A. Tilney & Co., H10 Exchange Buildings, Liverpool, England. LOCAL OFFICE, Coplapo.

Coquimbo Ry. *Line of Road:* Coquimbo to Ovalle, 62 miles; branch to Panulcilio, 5 miles; Coquimbo to Serena and La Compania Smelting Works, 10 miles; branch, main line to Guayancan, 1 mile—total, 78 miles. Gauge, 5 ft. 6 in.; rail, 60 to 70 lbs. Locomotive engines, 13. Cars—passenger, 13; freight, etc., 214. Company organized in 1860. Road opened to Las Cardos and La Compania in August, 1862; to Ovalle, in July, 1873; Panulcilio branch in 1867, and Puntillo branch in 1883. Total cost of road, etc., $3,413,979. Gross earnings for half year ending June 30, 1888, $223,373.95; operating expenses, $102,334.28. Net earnings, $121,049.67. Capital consists of ordinary $100 shares, $2,747,500, and $780,000 debenture bonds, 8 per cent. interest, payable half yearly, and redeemable by a sinking fund of 2 per cent. per annum, out of which $391,500 have been redeemed. Regular dividends, ranging from 8 per cent. per annum to 1½ per cent., have been paid by this company. Agustin R. Edwards, *President*, Valparaiso; Henry A. Vivian, *Superintendent and Engineer;* Thomas G. McLaughlin, D. Thomas, *Inspectors*, Valparaiso. LOCAL OFFICE, Coquimbo. G. A. Tilney & Co., *Secretaries*, H10 Exchange Buildings, Liverpool, England, and Sothers & Co., Valparaiso.

Elqui Ry. *Line of Road:* Serena to Elqui, 56 miles. Gauge, 1 metre. Opened early in 1883. Owned by an incorporated company. Uses track of Coliquimbo Ry. from Serena to Compania, a third rail having been laid between those points. Julius Kanlen, *Secretary*, Serena.

Laraquete and Maguegua RR. *Line of Road;* Laraquete to Maguegna, 28 miles. GENERAL OFFICE, Larasquete.

Mejillones and Sierra Gorda RR. *Line of Road:* Mejillones to Sierra Gorda, 16 miles. GENERAL OFFICE, Mejillones.

Nitrate Railways Co. (Limited). This company was registered August 24, 1882, and owns about 240 miles of railways, extending from Pisagua and Iquiqui to the nitrate deposits, and connecting the cities named. Gauge, 4 ft. 8½ in Locomotive engines, 60; cars, 1000. Capital stock—ordinary shares, 7 per cent. cumulative, £1,200,000; deferred shares, 7 per cent. cumulative, ranking after ordinary, £180,000; 1st mortgage 5 per cent. bonds, £2,000,000. Cash dividends paid in 1888, 25 per cent.; on account of 1889 12½ per cent. was paid in July. Col, J. T. North, *Chairman;* J. M. Cowper, *Secretary*, OFFICE, 3 Gracechurch Street, London, E. C. *Representative in Chili, and General Manager:* S. F. Rowland, Iquiqui.

Patillos Ry. *Line of Road:* Patillos toward nitrate district of Lagunas, 92 kilo. Total projected length from Patillos to Lagunas, 110 kilo. Branches projected—to nitrate deposit of Bella-vista and Surriejo, each 15 kilo. Gauge, 2 ft. 6 in.; rail, 37 lbs. Locomotive engines, 7; cars, 55. Situated in the Province of Tarapaca, which was acquired from Peru under the treaty of peace of October 20, 1883. The Patillos Ry. Co., Limited, was registered in London, December 9, 1889, and acquired this line of road, which previously belonged to Messrs. Montero Bros., of Lima, Peru. Road built in 1872. J. Manuel Montero, *President Board of Directors*, 12 Great Winchester St., London, E. C.; Henry Kendall & Sons, *Agents in London;* Ed. Lembcke, *Agent in Lima;* Wm. E. Billinghurst, *General Superintendent*, Iquiqui, Chili.

Santiago Street Ry., in city of Santiago (3 lines), 20 miles. Gauge, 4 ft. 8½ in.; rail, 48 lbs. Eduardo Malti, *President;* Ramiro Sanchez, *Superintendent.* GENERAL OFFICE, Santiago.

Taltal Ry. Co. (Limited). *Line of Road:* Taltal to Cachinal, 91 miles. Branch projected from Taltal to the Arturo Prat Mines. Sidings, 3 miles. Gauge, 3 ft. 6 in.; rail (steel), 41 lbs. Locomotive engines, 10. Cars—passenger, 6; baggage, 1; freight, 185. British corporation, registered June 3, 1881. Construction begun in December, 1880. Road opened October 20, 1882. At Refresco and in its vicinity are large deposits of nitrate. A bill has recently passed the Chilian Senate authorizing the company to build a line between Las Canchas and Santa Louisa, and it is said that an agreement has been made for the construction of a branch from the main line to the properties of the Taltal and Julia Nitrate Companies. Capital—nominal, £500,000 in 100,000 ordinary shares of £5 each; issued, £422,500 fully-paid shares. Five per cent. debentures, £95,000. Dividends paid in 1889, 5 per cent. Frank Henderson, *General Manager and Resident Engineer;* Henry Jeffries, *Assistant Locomotive Superintendent*, Taltal, Chili; Arthur Rimmer, *Secretary*, 6 Great Winchester Street, London, E. C.

Tongoy Ry. *Line of Road:* Port of Tongoy to Cerrillos, 30 miles. *Branches:* Cerrillos to Tamaya, 10.5; Tongoy to Smeltiug Works in Tongoy, 1—total length of branches, 11.5 miles. Sidings, 2.5 miles. Gauge, 3 ft. 6 in.; rail (steel), 26 miles, 41 lbs.; (iron) 15.5 miles, 42 lbs. Locomotive engines, 8. Cars—passenger, 5; baggage, mail and express, 2; freight, 180. Chilian corporation, established in 1865—to build to Cerrillos, 30 miles; extension to Tamaya, 10.50 miles, subsequently authorized. Road built in 1866 (at which time the iron rails now in track were laid) and opened in June, 1867. Extension from Cerrillos to Ovalle, 33 kilo., projected and surveyed. The expropriation of the line by the government is contemplated. Capital stock, $1,100,000 in 2,200 shares of $500 each, of which 1,353 are owned in England, and 847 in Chili. Total cost, $1,546,370. Net receipts, first half of 1889, $12,417. Santiago Lyon, *President*, Valparaiso; Sothers & Co., of Valparaiso, and G.

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A. Tilney & Co., of Liverpool (H10 Exchange Buildings), *Secretaries;* Fred. A. Bedwell, *General Manager;* James Gas, *Chief Engineer and Master Car Builder*, Tongoy, Chili; Edmondson & Co., *Purchasing Agents*, Liverpool, England.

Valparaiso Street Ry., in the City of Valparaiso, 8 miles. Gauge, 6 ft. 6 in. Cars, 60. Rails (steel), 45 lbs. Capital, $800,000. Cost to December 31, 1888, $628,468.74. Net earnings, 1889, $120,303. Santiago Lyon, *President;* F. E. Kammerer, *Superintendent and Engineer;* Guillermo Lawrence, *Secretary*, Valparaiso.

Other Railroads. In addition to the roads above described, there are short lines used in the coal mines of Coronel, Lota, Lebu and Punta Arenas.

COSTA RICA.

Costa Rica Ry. Co. (Limited). *Lines of Railway in Operation:* Limon west to Carillo, 71 miles; Punta Arenas east toward San José (the capital) to Esparta, 13 miles, and from Cartago west *via* San José to Alajuela, 26 miles—total, 110 miles. (See MANUAL for 1889.) The Costa Rica Ry. Co., Limited, is registered in London April 22, 1886, under the Companies' Acts of 1862 to 1883. Under the arrangement resulting in the formation of the company, the government agreed to transfer its railways on the completion of certain new lines, the construction of which has been undertaken by this company (one of which, a line from the completed road between Limon and Carillo up the Reventazon Valley to Cartago, a distance of 48 miles, is now under construction) for a period of 99 years, free of rent or charge, and granting to the company also 800,000 acres of land. The new lines are to be completedby August, 1890, and until then the existing system is to be worked by Minor C. Keith, who undertakes to pay interest on the bonds during construction. Capital, £3,050,000. F. O. Smithers, *Secretary*, Dashwood House, London, E. C.; Minor C. Keith, *Manager Railway;* A. E. Brownell, *Superintendent Traffic;* Henry Cooke, *Master Machinist*, Limon, Costa Rica.

CUBA.

Calbarien and Santo Espiritus Ry. *Line of Road:* Port of Calbarien to Placetas, 56.055 kilo.; branch, 2.400 kilo.—total, 58,455 kilo. Gauge, 4 ft. 8½ in.; rail, 62½ lbs. Locomotives, 7. Cars—passenger, 11; baggage, 2; freight (box, 38; flat, etc., 56), 94—total, 107. Pablo Gamiz, *President*, Havana; Carlos Guerreo, *General Manager*, Remedios, Cuba. GENERAL OFFICE, Remedios, Cuba.

Carahotas Ry.—Completed, 4.155 kilo.; projected, 16.425 kilo. Gauge, 4 ft. 8½ in. Laureano Pequeno, *Concessionary*, Carahotas, Cuba.

Cardenas Sugar Mill Ry. *Line of Road:* Cardenas to the Esperanza Sugar Mill, 6.330 kilo. GENERAL OFFICE, Cardenas, Cuba.

Central Railway of Cuba. Projected to extend from Santa Clara centrally through the Island of Cuba to Santiago de Cuba.

Cienfuegos and San Diego del Valle RR. Projected between the points named. Address, José E. Moré, *President*, Ferro-Carril Sagua la Grande, Obispo, 28 Havana, Cuba.

Cobre RR. Puerto de Sal to Cobre, Santiago de Cuba. This line was built some years ago, but for several years until 1884, it was in disuse. In the latter year it was put in repair, and is now being operated in connection with the copper mines at Cobre.

Compañia del Ferro-Carril de Matanzas. *Main Line:* Matanzas to Guareiras, 103 kilo. *Branches:* From Navajas to Jaguey, 35 kilo.; from Navajas to the Atravedio Works, 17 kilo.; from Guira to the Julio Works, 11 kilo.; and from Guareiras to Colon, 9 kilo.—total, 175 kilo. Gauge of main line, Jaguey and Colon branches, 4 ft. 8½ in.; other branches, 2 ft. 6 in.; rail (steel, 44 kilo.)—broad gauge, 60 lbs.; narrow gauge, 35 lbs. Locomotive engines, 32. Cars—passenger, 24; baggage, 7; freight, etc., 551. The construction of this line from Matanzas to Navajas was authorized in 1839, and the first section of that line, from Matanzas to Guanabana, 12 kilo., was completed and opened in 1844. From that year forward the road was gradually extended until it was finally completed between the points named in 1849. The extension and branches were authorized and built at various dates between 1849 and 1879. Rafael E. Sanchez, *President;* Laureano Angulo, *Vice-President;* Alvaro Lavastido, *Secretary;* Antonio del Solar, *Administrator;* Ygnacio O'Farrill, *General Superintendent;* Lorenzo Pineyro, *Superintendent of Traffic;* Hilario Valladares, *Superintendent of Machine Shop;* Ygnacio Vidal, *Master Carpenter.* GENERAL OFFICE, Matanzas, Cuba.

Compañia del Ferro-Carril de Sagua la Grande (Sagua la Grande RR.) *Main line:* Concha (Port of Saqua) to Las Cruces, connecting with the Cienfuegos and Villa Clara RR., 49.13 miles. *La Encrucijada branch:* Citiecito to La Encrucijada, 20.76 miles—total, 68.89 miles. Gauge, 4 ft. 8½ in.; rail part steel), 57 lbs. Locomotives, 15. Cars—passenger, 19; baggage, 4; freight, etc., of all kinds, 260—total, 283. Cuban corporation. Capital stock, $2,481,790. Total cost of line, $2,538,103. José E. Moré, *President;* Bergino del Monte, *Secretary;* Leonardo del Monte, *Engineer;* Francisco Rosco, *General Manager;* E. A. Máutici, *Auditor.* GENERAL OFFICE, Saqua la Grande, Cuba.

Compañia del Ferro-Carril entre Cienfuegos y Villa Clara. *Main Line of Road:* Cienfuegos to Villa Clara, 68.49 kilo.; *branch*, Palmira to Congojas, 22 kilo.; branches to sugar plantations, 14 miles; branch under construction, Ranchuelo to San Juan de los Llenas, 8 kilo. Gauge, 1.44 metres; rail (steel, main line), 62 lbs. Locomotive engines, 26. Cars—passenger, 18; baggage, 8; box, 50; platform, 225—total, 301; also 8 tanks. Road opened November 19, 1860. Total cost of main line of railroad and equipment, $2,433,000. Agustin Argüelles, *President;* Antonio S. de Bustamante, *Secretary;* Pedre Patchot, *Auditor*, Apartodo 134, Havana; Anibal Arriete, *Superintendent;* José M. Alonso, *Assistant Superintendent;* Francisco de la Fomente, *Chief Engineer*, Apartado 76, Cienfuegos, Cuba.

Cuba, Sabanilla and Maroto Railroad. Cuba (St. Jago) to Ste. Christo, Maroto, Sabanilla and Enramada, with branch to Caney—total length, 25 miles. Total projected length, 38 miles. Gauge, 4 ft. 8½ in.; rail, 56 lbs. Locomotives, 4. Cars—passenger, 10; freight, 34. Cuban corporation. No further information. PRINCIPAL OFFICE, Cuba, Santiago de Cuba.

Empresa de Ferro-Carriles de Cardenas y Jucaro (Cardenas and Jucaro Ry. Co. *Main Line:* Cardenas *via* Recreo and Altamisal to Yaguaramas, 106.600 kilo. *Branches:* Recreo to Ytabo, 21.718 kilo.; Altamisal to Macagua, 32.235 kilo.; and Cardenas to Pizarro Quarries, 7 kilo. Total main line and branches, 338.246 kilo. This road was built in sections, the first of which, from Cardenas to Bemba, was authorized May 23, 1837. In June, 1840, the first completed section of road, Cardenas to Contreras, 11.774 kilo., was opened, and from that time forward the extension of the line progressed until 1884, when the final section of authorized road, St. Domingo to Esperanza, 22.522 kilo. was completed. Extension from Aguada to Yaguaramas, 19.400 kilo., completed December 31, 1888. Gauge, 1.435 metres (4 ft. 8½ in.); rail (steel, 115 miles), 63 lbs. Locomotive engines, 35. Cars—passenger, 35; baggage and mail, 6; freight, 733; service, 50—total cars, 824; also 6 hand-cars. Cost of road and equipment to June 30, 1888, $7,971,165.98. Gross earnings for year ending June 30,

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1888, $1,187,548.73; expenses, $556,560.30; net earnings, $630,988.43. Capital stock, $7,926,070. Average dividend, 10 per cent. Miguel Garcia Hoyo, *President;* Guillermo Fernandez de Castro, *Secretary;* Richardo Lopez Soto, *Treasurer;* Manuel Iribas y Gil, *General Manager and Chief Engineer;* John Scott, *Master Car Builder;* Manuel M. Campos, *Master of Locomotive Repairs.* GENERAL OFFICE, Cardenas, Cuba.

Marianão and Havana Ry. Co. Limited. *Main Line:* Marianão to Havana, 9.650 kilo.; Marianão to Playa of Marianão, 3.500 kilo.; connection with Bay of Havana Ry., 228 hecto.—total, 13.378 kilo. (9 miles). Gauge, 1.44 metres (4 ft. 8½ in.); rail (steel), 60 lbs. Locomotive engines, 5. Cars—passenger, 16; baggage, etc., 2; stock, 2; box, 4; platform and other freight, 30. British corporation originally registered in 1871; named changed in 1879. Capital, £119,000. E. M. Underwood, *Chairman;* Robert A. McLean, *Secretary,* Queen Victoria Street, London, E. C.; John A. McLean, *General Manager;* Robert M. Orr, *Traffic Superintendent.* GENERAL OFFICE, Concha Station, Havana, Cuba.

Ferro-Carril de Puerto Principe y Neuvitas. *Main Line:* Puerto Principe to Neuvitas, 71.356 kilo.; Guencho, 2.334 kilo.; Harbor branch, 313 hecto.—total, 74.003 kilo. (45.98 miles). Gauge, 1.44 metres (4 feet 8½ inches); rail (steel, 21.1 miles), 56 lbs. Locomotive engines, 8. Cars—passenger, 3; freight, 67. Cost of construction and equipment to December 31, 1885, $1,500,000. Gross earnings for year, $177,874. Working expenses, $106,685. Net earnings, $71,179. This company was chartered in January, 1837. Elpidio Marin, *President;* Juan Gurman, *Treasurer;* P. Sarrol, *Chief Engineer;* Virgilio Guerrero, *Secretary.* GENERAL OFFICE, Puerto Principe, Cuba.

Ferro-Carril de Tunas á Santo Espiritu. Vaile to Tunas, 39 kilo. Gauge, 4 ft. 8½ in. Locomotive engines, 4. Cars—passenger, 5; baggage, etc., 2; freight and other, 31—total cars, 38. Net receipts, 1888–1889 $42,791.10. Alfonso Muselle, *General Manager;* Manuel Maria Zamora, *Chief Engineer;* Manuel Gutierrez, *Secretary.* GENERAL OFFICE, 1 Plaza de la Yglesia, Santo Espiritu, Cuba.

Ferro-Carril de Gibara y Holguin. *Proposed Road:* Gibara to Holguin, 30 kilo. Completed and in operation: Gibara to Ouras, 15 kilo.; rail, 35 lbs. Locomotive engines, 2. Cars—passenger, 2; freight, 6. Road opened, 10 kilo., in October, 1885, and to Ouras in February, 1888. Cost of road, $207,361; equipment, etc., $29,661—total, $237,022. Capital stock, $196,431. Zavier Longoria, *President;* Victoriano Martinez, *Secretary,* Gibara, Cuba.

Guantanamo Railroad. *Main Line:* Caimanera (Guantanamo Bay) to Jamaica (a small village inland), 19 miles; Cuatro Caminos to Soledad, 4 miles—total, 23 miles; rail (steel), 60 lbs. Gauge, 4 ft. 8½ in. Locomotive engines, 6. Cars—passenger, 6; baggage, 8; platform, 32. Company chartered in 1867, and construction begun toward close of same year. In 1869 opened from Caimanera to Sta. Canalina, 20.425 kilo. In 1881 construction was begun on the extension; in 1883 it was opened, Cuatro to Caminos, 5 kilo., and in 1884 to Jamaica, 6 kilo. Total cost to December 31, 1885, $1,000,000. Gross earnings for 1885, $189,911.78; expenses, $103,-034.41; net earnings, $86,877.37. Louis Brooks, *President;* Pablo Guereca, *Secretary,* Santiago de Cuba; Antonio Narino, *Treasurer;* Felipe Aguirre, *General Manager;* Walter S. Phelps, *Master of Locomotive Repairs;* N. Calderin, *Superintendent of Telegraph;* Brooks & Co., *Purchasing Agents,* Guantanamo, Cuba. PRINCIPAL OFFICE, Santiago de Cuba.

Havana City Railway. Tramway lines in the city of Havana and to its suburbs, 21.755 kilo. Gauge, 4 ft. 8½ in. Locomotives, 5; cars, 52. GENERAL OFFICE, Havana.

Juragua Iron Co.'s RR. *Line of Road:* Santiago de Cuba eastward *via* Aguadores and Juraguacito (or Siboney) to the Juragua mines, 18 miles. Gauge, 3 ft.; rail (steel), 56 lbs. Locomotive engines, 8. Cars—passenger, 2; flat and gondola, 16; ore and dirt, 915. Construction of road begun in 1883; completed and formally opened July 17, 1884. This line is a private mining road owned by the Juragua Iron Co. (Limited), and operated in connection with that company's mines at Juragua. The company also has about 13 miles of mining track, part 2½ ft. and part 3 ft. gauge; laid with 25 lbs. steel rail and equipped with 6 locomotives and 214 cars. Luther S. Bent, *Chairman,* Steelton, Pa.; Josia Monroe, *Secretary and Treasurer,* 208 S. 4th St., Philadelphia, Pa.; C. Wm. Schumann, *Financial Agent;* C. H. Ziegenfuss, *General Superintendent;* D. W. Kirkpatrick, *Superintendent of Railroad,* Santiogo de Cuba, Cuba. GENERAL OFFICE, 208 S. 4th St., Philadelphia, Pa.

Maélarquin Ry. *Line of Road:* Las Pozas to Mallarquin, 2.750 kilo. GENERAL OFFICE, Mallarquin, Cuba.

Regla and Guanabacoa Tramway. *Line of Road:* Regla (suburb of Havana) to Guanabacoa, 4.918 kilo. Gauge, 4 ft. 8½ in. Operated by steam power. Locomotives, 5. Cars, 10. GENERAL OFEICE, Regla.

San Miguel and Baga Ry. San Miguel de Neuvitas to Baga, 8.995 kilo. Gauge, 1.44 metres (4 ft. 8½ in.); rail, 45 lbs. No further information. GENERAL OFFICE, San Miguel de Neuvitas, Puerto Principe, Cuba.

Sierra Morena Ry. *Line of Road:* Sierra Morena to the River Warehouse, 5.385 kilo. GENERAL OFFICE, Sierra Morena, Cuba.

Trinidad Ry. *Line of Road as Projected:* Puerto de Casilda *via* Trinidad to Sancti Spiritus, 88.497 kilo. Completed from Puerto de Casilda *via* Trinidad to Guinia de Soto, a point 29.620 kilo. northward. Gauge, 1.44 metres (4 ft. 8½ in.); rail (steel), (14 kilo.), 40 lbs. Locomotive engines, 2. Cars—passenger, 3; baggage, 1; freight, 39. Joaquin de Solar, *General Manager,* Trinidad, Cuba.

United Railways of the Havana. *Bay of Havana Ry.:* Regla, on the Bay of Havana, *via* Matanzas to Bemba, 89 miles; branches from Regla to Guanabacoa, 3.25 miles, and from Colieses to Valle de Guamacaro, 10 miles; and belt line at Matanzas, 0.5 miles—total, 102.75 miles. Gauge, 4 ft. 8½ in., except Valle de Guamacaro branch, the guage of which is 1 metre (39.37 inches). Locomotive engines, 37. Cars—passenger, 38; baggage, etc., 5; freight, 517—total, 560. *Havana RR.:* Havana *via* Guines to Union, 77.26 miles; branch from Riviere *via* San Antonio to Guanajay, 21.20 miles; San Felipe to La Playa de Bastanabo, 22.87; Guines to Matanzas, 36.01 miles, and from San Francisco de Paula to Madruge, 4 miles—total, 161.34 miles. Gauge, 4 ft. 8½ in.; rail (steel), 60 lbs. Locomotive engines, 40. Cars—passenger, 59; baggage, 11; box, 268; platform, 255; stock, etc., 26—total, 619. The Bay of Havana Ry. Co. was chartered in 1857 as the Bay of Havana and Matanzas Ry. Co. The Guanabacoa Branch was opened in 1858, and the main line, from Regla to Matanzas, 54 miles, on June 14, 1861. In 1865 the company purchased the Colieseo Ry., from Matanzas to Bemba, 35 miles. The road was acquired by the Regla Warehouses Co. and Bank of Commerce of Havana, on June 20, 1883. The Havana Railroad was the first inaugurated in Cuba, the construction of the section from Havana to Guines having been commenced in November, 1835. An amalgamation has been effected under the style of the Bank of Commerce, United Railways of the Havana, and Regla Warehouses Co., and provision has been made for an issue of £1,600,000 5 per cent. mortgage bonds to be used in retiring £506,200 6 per cent. scrip of the Bay of Havana Ry. Co. and £644,600 7 per cent. bonds of the Havana Ry. Co., in building and purchasing further extensions and for other purposes of the company. The capital stock of the amalgamated company is $7,000,000 or £1,400,000, fully paid. Messrs. J. Henry Schroder, Bankers and Financial Agents, 145 Leadenhall Street, London, E. C.

Western Ry. *Line of Road:* Havana to Pinar del Rio, 138.583 kilo. Gauge, 4 ft. 8½ in.; rail (part steel), 56 to 64 lbs. Locomotives, 21. Cars—passenger, 26; baggage, 5; freight, etc., 200—total, 331. Total projected length, 177.621 kilo.; completed as above. Cuban corporation. No further information. GENERAL OFFICE, Havana.

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ECUADOR.

Ecuador Central Ry. Co. A British corporation, registered in 1889, with a capital of £115,000, to build a railroad from Quito to the port of Bahia de Caraquez. It is only proposed at present to construct 100 kilometres of line, and 2 kilometres are already completed. John Clagg, *Resident Engineer*, Quito, Ecuador.

Guayaquil Ry. Co. This company has succeeded in obtaining a subsidy of 187,500 francs from the Government, and in placing a 6 per cent. loan of 9,000,000 francs in Belgium and France. The line is 184 kilometres in length.

Guayaquil Tramway. Running to various points in the city, 4 miles. GENERAL OFFICE, Guayaquil.

Ibarra and St. Lorenzo RR. Projected line of road from Ibarra to the port of St. Lorenzo, about 30 leagues. Concession for 99 years. Guarantee 6 per cent. Line reverts to Government at expiration of 99 years.

Yuaguachi RR. *Line of Road Completed;* Yuaguachi, on the Guayaquil River (3 hours from Port of Guayaquil), north to Duran, 69 miles. *Extension under construction;* Chimbo to Sibambe, 49 miles. This line is the only railroad in operation in Ecuador owned by the Government; construction begun in 1872; opened to present terminus in 1877. It is the intention to push the line to Quito, the capital, on the north, and to Guayaquil on the south, making its total length 270 miles. New line will be laid with 30 lb. steel rails throughout. Locomotive engines, 5. A line of telegraph over this route to Quito was completed in August, 1884. An extension of 60 miles to Sibambe is now being pushed forward. Mark J. Kelley, *President and Contractor;* John Dubois, *Secretary;* P. G. Cordova, *Treasurer;* W. Higgins, *Acting Superintendent*, Section A.: A. Bejarano, *Traffic Manager;* M. A. Vina and F. Arancivia, *Chief Engineers;* B. Adamson, *Master of Track Repairs;* G. H. Meaking, *Master of Locomotive Repairs.* GENERAL OFFICE, Guayaquil, Ecuador.

GUATEMALA.

Champerico and Northern RR. Port of Champerico to Retalhulen, 27.25 miles. Gauge, 3 ft. Chartered March 12, 1881, by Government of Guatemala; incorporated 1882, under the laws of California; road opened July, 1883. Total cost of road to December 31, 1888, about $800,000. The road has been purchased by Guatemaltico; capital, $1,500,000. The Ca. Ferro-Carril Occidental proposes to extend the line towards other towns and coffee districts. Gross earnings in 1888, $115,615.90; net, $65,107.43. Capital stock, $1,000,000, and 1st mortgage 6 per cent. 30-year bonds, $313,000. Rail (steel), 35 lbs. Rolling stock—locomotives, 3. Cars—passenger, 3; freight, 33. A. Meyer, *Director*, Quezettenango; Baron Von Hippel, *Superintendent*, Retalhulen, Guat.

Ferro-Carril del Norte de Guatemala. Projected from Santo Tomas (Puerto Barrios) to Guatemala, 182 miles. In 1883 the construction of this line was decreed by the Government of Guatemala and levied on the inhabitants to provide the funds. In December of 1883 the work of construction was begun at Santo Tomas, and 4 miles of track were laid; but owing in part the unsettled condition of the country, and in part to the financial embarrassments of the contractors, the work was shortly after suspended. A contract was entered into early in 1890 between the Government and M. Henry Cottû, representing a French syndicate, in Paris, whereby the French company will place $21,312,500 gold at the disposal of the Government, to be used in completing the Northern Railway, in purchasing the Central RR., and connecting it with the Northern, thereby completing the interoceanic route across the republic, and in establishing an agricultural mortgage bank. The French company will receive a mortgage on the tax on spirituous liquors as security for its capital and interest, leaving the Government at liberty to manage the railroad and banking institutions as national property.

Guatemala Central RR. *Line of Road:* San José de Guatá to Guatemala City, 71.8 miles. Gauge, 1 metre (39.37 inches), with privilege to change to 3 feet. Rail (steel), 50 lbs. Locomotive engines, 8. Cars—passenger 11, and 114 combination, baggage, box, and stock cars. The company has ordered 3 new locomotives and a large number of cars. The company was organized under the laws of California, and is a consolidation, October 20, 1885, of Guatemala Central RR. Co. and the Central American and Pacific Ry. and Transportation Co. The former of these was chartered in California October 12, 1878, and completed its line of railroad from San José de Guatá to Escuintla, 28 miles, June 20, 1880; the Central American and Pacific Ry. was chartered May 23, 1882, and its road from Escuintla to Guatemala was opened in September, 1884. Total cost, about $1,500,000. A branch of this line from Amatilean to La Antiqua is projected. Gross earnings for 1888, $491,001.99; net, $236,229.57. In 1889 earnings increased 80 per cent. over 1888. C. P. Huntington, *President;* Timothy Hopkins, *Vice-President;* G. L. Lansing, *Secretary;* F. S. Douty, *Treasurer*, San Francisco, Cal.; G. Nanne, *General Manager*, Guatemala City, Gaut. GENERAL OFFICE, San Francisco, Cal.

Ferro-Carril Urbano. Street railway in the City of Guatemala. Length, 5.44 miles. Gauge, 1 metre; rail, 24 lbs.; cars, 30 horses and 1 mules, 150. I. M. Samaya, *President;* Luis Echevenia, *Manager;* D. P. Fenner, Luis Echevenia, Manuel Urrueia, I. M. Samayoa, *Directors*, Guatemala, C. A.

HAWAIIAN ISLANDS.

Hawaiian RR. (Island of Hawaii). *Line of Road:* Mahukona to Niulii, 20 miles. Sidings, 1.5 miles; gauge, narrow; rail, steel. Locomotives, 3. Cars—passenger, 4; freight (box, 35; platform, 17), 52—total cars, 56. Cost of construction and equipment to December 31, 1889, $150,000. Gross earnings for year, $30,000. Net earnings, $3,000. Paid on construction, $10,000. Capital stock, $250,000. C. L. Wight, *President and Mamager;* W. C. Wilder, *Treasurer;* S. G. Wilder, *Secretary.* Location of PRINCIPAL OFFICE, Mahukona, H. I.

Hawaiian Tramways Co. (Limited). This company was incorporated under the "Companies Act" early in 1888, to acquire the right to construct lines of tramway in the city and port of Honolulu, and to work such lines when completed. The total length of the lines is about 12 miles, which have been in operation since January 1, 1889. The concession is for a period of 30 years from September 15, 1886, at the expiration of which the Government has power to purchase the track, cars, stock and fixtures at a price to be settled by arbitration, in default of agreement. Capital consists of £130,000 in 26,000 shares of £5 each (first issue, 13,000 shares), and £30,000 6 per cent. debentures (part of a proposed issue of £250,000), secured as a first charge on the company's entire property. Col. C. M. Davidson, *Chairman*, London, Eng.; T. Graham Gribble, *Engineer;* W. H. Pain, *Manager*, Honolulu; L. Green, *Secretary*, London, Eng. LONDON OFFICE, 3 Great Winchester Street, E. C.

Kahului RR. (Island of Maui). *Line of Road:* Wailuku to Paia, 10 miles. *Branches:* Kahului to Spreckelsville, 0.5—total track, 13 miles. Gauge, narrow. Locomotives, 3. Cars—passenger, 2; baggage and mail, 1; freight, 14 platform; box, 60—total number of cars, 87. Capital, $150,000. Net earnings, 1889, $25,000. W. C. Wilder, *President;* F. L. Stolz, *Treasurer;* G. P. Wilder, *Superintendent and Secretary;* C. H. Broad, *Traffic Manager;* Joseph Carney, *Chief Engineer.* GENERAL OFFICE, Kahului, Maui, H. I.

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Oahu Railway and Land Co. (Island of Oahu). *Completed;* Pearl River Division, Honolulu to Hoaeae, 15 miles. Sidings, 2.5 miles. Gauge, 3 feet; rail (steel), 30 lbs. Locomotive engines, 5. Cars—passenger, 13; baggage and mail, 2; freight (box, 81; flat, 14), 95—total cars, 110. *Under Construction;* Waimae Division, Hoaeae to Waimae, 18 miles; Koolau Division, Honolulu to Kahuku, 60 miles. Total length of lines, building and built, 93 miles. Also in course of construction, warehouses and wharves at Honolulu covering 27 acres. Incorporated in 1889. Capital stock, $5,000,000. Cost of road and equipment to February 1, 1890, $200,000. John H. Paty, *President;* J. F. Dowsett, *1st Vice-President;* W. C. Wilder, *2d Vice-President;* Robert Lewers, *3d Vice-President;* W. G. Ashley, *Secretary;* C. P. Faukea, *Treasurer;* W. F. Allen, *Auditor;* B. F. Dillingham, *General Manager;* G. P. Denison, *Assistant Superintendent*, C. H. Kluegel, *Chief Engineer;* H. D. Roberts, *Master Mechanic.* GENERAL OFFICE, Honolulu, H. I.

HAYTI (West Indies).

Area—Republic of Hayti, 10,204 miles; Republic of San Domingo, 18,045 miles. Population, Hayti, estimated from 572,000 to 800,000; San Domingo, from 350,000 to 400,000. No railways. In Port au Prince, capital of Hayti, is a street railway, 4 miles in length. C. Ludman, *President and Treasurer*, 4 South William Street, New York; R. J. Crane, *Superintendent*, Port au Prince.

HONDURAS.

Honduras Central RR. Projected from Truxillo to Jutecalpo, 200 miles, and thence to the Bay of Fonseca on the Pacific side. Concession owned by a New York syndicate. W. W. Hungerford, *Chief Engineer.*

Honduras North Coast Railway and Improvement Co. In July, 1884, this company received a concession, accompanied by a valuable land grant, estimated at 1,000,000 acres, for the construction of a line of railroad from Truxillo to Puerto Cortes, about 150 miles, with power to extend to the Guatemala boundary line. Preliminary survey completed March 20, 1885; construction begun July 8, 1885. Gauge, 3 ft. Estimated cost, $1,542,981, to be met by an issue of 6 per cent. bonds to the amount of $2,500,000, the excess to be used in equipping the road. S. B. McConnico, *President;* John C. Febiger, Jr., *Vice-President;* R. S. Charles, *Secretary and Treasurer.* OFFICE, New Orleans, La., and Truxillo, Hond.

Honduras Ry. *In operation* from Puerto Cortes to St. Jago, 37 miles. This line was projected some years ago, under authority of a concession granted by the Government of Honduras, as an inter-oceanic line from Puerto Cortes to the Bay of Fonseca, and its construction was begun by a British company. On September 25, 1871, it was opened as above, and subsequently was extended to San Pedro Sula, a total distance of 69 miles. The company becoming embarrassed, the construction of the road was abandoned and the completed portion sold to Colonel William Snyder, by whom the section to St. Jago is worked.

Truxillo and Roman River RR. Projected from Truxillo to Roman River, 20 miles, with power to extend beyond that point up the Arenal Valley. Concession owned by William H. Warner, M. O. Sheldon and H. K. Wheeler, of New York.

JAMAICA (West Indies).

British Dependency; acquired 1629-55. Area, including small islands, 4,362 square miles. Population, 1881, 585,536 (about four-fifths negroes). Railway. *Main Line;* Kingston to Porus, 46.75 miles. *Branch;* Spanishtown to Ewarton, 17.25 miles—total length completed, 64 miles. Gauge, 4 ft. 8½ in.; rail (steel), 61 miles. Locomotive engines, 8. Cars—passenger, 21; freight, etc., 151—total cars, 172. Road originally owned by British corporation; now owned by Government. It is said to have been recently sold to an American syndicate. Cost to December 31, 1888, £805,702. Opened from Kingston to Spanishtown, 13 miles, and to Angells, 4 miles, November 21, 1845; from Kingston to Old Harbor, 10 miles, July 1, 1879, and to Porus and Ewarton, February 26, 1885. Gross earnings for last fiscal year, £55,646; net, £21,290. V. G. Bell, *Chief Resident Engineer and Chairman;* L. F. Macknnon, *Manager;* W. R. Rackham, *Superintendent of Telegraphs*, Kingston, Jamaica. PRINCIPAL OFFICE, Kingston, Jamaica.

NICARAGUA.

San Juan del Sur Rivas and San Jorge Ry. Projected line by the Government from San Juan del Sur *via* Rivas to San Jorge on Lake Nicaragua. No work yet done.

Nicaragua RR. *Line of Road;* Corinto (on Pacific Coast) to Momotombo (on Lake Managua), 58 miles. *Extension;* Managua (on Lake Managua) to Granada (on Lake Nicaragua), 32 miles. Gauge, 3 ft. 6 in.; rail—Corinto to Chinandega, 2.5 miles, iron, 40 lbs.; Chinandega to Momotombo, 45.5 miles, and Managua to Granada, 32 miles, steel, 40 lbs. This road is owned by the Nicaragua Government, and operated under the general direction of the Minister of Public Works, Mr. José Chamorro. The construction of the first section (Corinto to Momotombo) was begun in 1879, and completed in December, 1883. It was opened for business according as the work progressed. The second section (Managua, the capital, to Granada), was opened March 1, 1886. On Lake Managua steamboat connection is made between the two sections of the road, and from Grenada, the terminus of the second section, connection is made by way of Lake Nicaragua and the San Juan River with San Juan del Norte (Greytown), the whole forming an inter-oceanic route. *Rolling Stock.*—On First Division: Locomotive engines, 6. Cars—passenger, 7; box ("covered"), 4; platform, 50; hand and push, 10. On Second Division: Locomotive engines, 5. Cars—passenger, 5; baggage, 1; box, 2; flat, 40. During the year 1888 the net earnings equalled 6.3 per cent. of capital cost. José Chamorro, *Minister of Public Works;* William Cooke, *General Superintendent;* William Simpson, *Secretary;* Adam Boza, *Treasurer and Purchasing Agent;* Samuel Senie, *Traffic Manager;* M. Sonnestern, *Chief Engineer;* Charles Teller, *Master of Transportation;* Dudley Sampson, *Master of Roadway;* Pedro Burlett, *Master Car Builder;* J. Guay, *Master Locomotive Repairs;* A. Canton, *Superintendent Telegraph.* Repair shops located at Ameya, Nic. GENERAL OFFICE, Managua, Nic.

MEXICO.

Cardenas Ry. *Line of Road;* Villa de Cardenas to El Ingenio (Neuva Xelandria) on the left bank of the Gryalva River, in the State of Tabasco. Completed, 6,300 kilo.

Compania Peninsular de Ferro-Carril. A consolidation, October 5, 1889, of the Merida á Calkini and the Campeche a Calkini RRs. *Line of Road;* Merida to Campeche, 165 kilo.; branch to Mina, 16 kilo.; and to Chochola, 36 kilo.—total, 217 kilo. *Completed;* Merida to Trinidad, 54 kilo.; Campeche to Pomcah, 32 kilo. Gauge, 3 ft.; rail (steel), 40 lbs. Locomotive engines, 6. Cars—passenger, 10; postal, 1; platform, 6;

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box, 12. For history of consolidating companies, see MANUAL for 1889. Jose Dominguez Peon, *Director-General;* Roberto Cardenas, *Superintendent*, Merida; Miguel Lany, *Assistant Superintendent*, Campeche; Olegario G. Canton, *Chief Engineer;* David Casares, *Inspecting Engineer;* Delfin Canton, *Government Representative;* A. Cervera, *Chief Machinist.* PRINCIPAL OFFICE, Merida, Yucatan, Mex.

Cordova Street Ry. In the City of Cordova, 4 miles. Gauge, 3 ft. 10 in.; rail, 35 lbs. Mules, 46. Cars, 6. Luis Maria Carvajál, *Manager*, Cordova, Mex.

District Street Railway Company of the City of Mexico (*Compañia Limitada de Ferro-Carriles del Distrito*). This company owns and operates in the City of Mexico and running to the suburbs 125 kilo. of standard-gauge (4 ft. 8½ in.) and 22 kilo. of narrow-gauge (3 ft.) tramway lines; rail, 30 to 70 lbs. Mules and horses, 1,500. Cars—passenger, 1st-class, 139; 2d-class, 65; funeral, 26; flat and box, 65; carts, 26—total, 321. Capital, $5,000,000. Passengers carried, average 9,000,000 annually. In 1878 there were carried 4,605,223; gross earnings were $376,323, and expenses, 46 per cent.; in 1879, passengers, 5,094,669; earnings, $398,744; expenses, 55 per cent.; in 1880, passengers, 5,882,071; earnings, $478,636; expenses, 54.8 per cent.; in 1881, passengers, 6,668,979; earnings, $575,207; expenses, 52.52 per cent.; in 1882, passengers, 9,134,868; earnings, $764,453; expenses, 51.83 per cent. In December, 1885, the company declared its seventh dividend, being at the rate of 1½ per cent. F. P. De Castillo, *Administrator-General;* Juan Mendoza y Roca, *Engineer;* A. Lopez, *Traffic Manager.* GENERAL OFFICE, Calle de Betlemetas, 12 City of Mexico.

Ferro-Carrill de Hidalgo. *Main Line:* Yrolo to Pachuca, 37 miles; *branches:* Teoloyucan to Tizayuce, 15 miles, and Tepa to Santa Maria, 9 miles—total, 61 miles; sidings, 2 miles. Gauge, 3 ft.; rail (steel), 40 lbs. per yard. Locomotive engines, 2. Cars—passenger, 1; baggage and mail, 3; box, 11; platform, 38. Gabriel Mancera, *President;* Rafael Lopez de Anaya, *Secretary and Treasurer*, Mexico City; Jose G. De San Vicente, *Traffic Manager;* Antonio Caso, *Engineer*, Pachuca, Mex. PRINCIPAL OFFICE, 20 Medinas Street, Mexico City.

Ferro-Carril de Merida á Peto. *Line of Road:* Merida to Peto (Yucatan), 180 kilo. Gauge, 3 feet; rail (steel), 40 lbs. and 30 yds. each. Ties two feet apart, 15 to the rail. The concession for this railroad was granted by the Federal Government of Mexico to the State of Yucatan by decree dated March 27, 1878. Under his direction four kilo. were built and constructive operations were then suspended, the concession being subsequently transferred to its present owners, Rudolfo G. and Olegario G. Canton. In aid of this line the Federal Government granted a subsidy of $6,000, and the State Government $1,000 per kilo. Of the projected line, 76 kilo., Merida to Tiscal, are completed and in operation. The territory through which this line passes is very irregular, but is very fertile, and possesses an abundant supply of valuable timber. Equipment—6 locomotives and 11 passenger, 28 box, 22 stock, 5 flat and 16 other cars. Operations in 1889—passengers carried, 148,282, earnings, $53,535.80; freight moved, 25,397 tons, earning $52,435.90 net. *Officers;* Rudolfo G. Canton, *Director-General;* Olegario G. Canton, *Engineer-in-Chief;* C. Arriguinaga, *Inspecting Engineer;* Ermilio Canton, *Representative in Mexico;* Jose B. Diaz, *Chief of Machinery.* GENERAL OFFICE, Merida, Yucatan, Mex.

Ferro-Carril de Merida á Progreso y de Merida á Qzamal y Sotuta. *Line of Road:* Merida to Progreso, 36 kilo. *Under construction:* Merida to Qzamal, 63 kilo. Gauge, 4 ft. 8½ in.; rails (steel, 18 kilo.), 60 lbs. Locomotive engines, 9. Cars—passenger, 19; box, 52; platform, 47; miscellaneous, 6. Gross earnings for last fiscal year, $220,123.63. Concession dated April 10, 1874. Federal subsidy, $9,660 per mile, or $270,000 in all. Construction begun in July, 1873; road as completed opened September 15, 1882. Total cost, $800,000. The line to Qzamal is expected to be in operation by July 1, 1890. Joaquim Peon, *President;* Anatalio G. Cano, *General Superintendent;* Jose Millet Hubbe, *Secretary.* PRINCIPAL OFFICE, Merida, Yucatan.

Ferro-Carril de Merida á Valladolid. *Line of Road:* Merida to Valladolid, 200 kilo.; branch from Conkal to Progreso, 37 kilo.; branch from Cenotillo to Espita and Fizimin, 56 kilo. Main line completed from Merida to Cansiteo, 67 kilo.; opened to the latter point about June 1, 1890; branch completed, 15 kilo. in 1884, and to Progreso in April, 1886, being formally opened May 5, 1888. Gauge, 3 ft.; rail (steel), 40 lbs. Locomotive engines, 6. Cars—passenger, 12; freight, 78; platform, 14. Concession dated October 12, 1880. Federal subsidy, $7,000 per kilo., or $2,009,000 in all. Earnings, 1889, $173,323.11. Gen. Francisco Canton, *Director-General and Sole Proprietor;* Delio Moreño Canton, *Superintendent;* M. de Arriguinaga, Merida, *Official Government Inspector.* GENERAL OFFICE, Calle de los Hidalgos, Merida, Yucatan.

Ferro-Carril de Monterey y Golfo Mexicano (Monterey and Mexican Gulf RR.) *Projected Line of Road:* Venadito to Tampico, about 460 miles; about 110 miles now completed and whole road will be in operation by February 1, 1891. Geronimo Treviño, *President;* T. S. Bullock, *Vice-President and General Manager;* V. A. Wilder, *Secretary and Treasurer.* PRINCIPAL OFFICE, 40 and 42 Wall Street, New York, N. Y. OPERATING OFFICE, Monterey, Mex.

Ferro-Carril Nacional de Tehuacan á Esperanza (Tehuacan and Esperanza RR.) *Line of Road;* Esperanza, State of Puebla (where connection is made with the Mexican RR.), south to Tehuacan, State of Puebla, 50 kilo. Gauge, 4 ft. 8½ in.; rail (steel), 30 lbs. per yard, and 28 feet each. Chartered September 15, 1877; construction begun January 1, 1878; road completed and opened January 8, 1880. This road was built chiefly to carry the products of the country through which it passes—sugar, indigo, cochineal, goat skins, buck skins, coffee, tropical fruits, Indian corn and tanned leathers. In 1882 a rich quarry of Mexican onyx was discovered near Tehuacan, and is now being developed by a company composed in part of the leading officials of this line. It is said that this mine adds greatly to the traffic of the road. Road worked by mule power, the use of locomotives being very expensive, and consequently considered impracticable. Mules, 200. Passenger cars, 24. Baggage, box and flat cars, 40. Total cost of road, $350,000. Operating cost, 65 per cent. of gross earnings. Net earnings average 10 per cent. on cost. *Extension:* A concession for an extension of this line to a point 80 kilo. south of Esperanza has been granted, but no steps toward its construction have yet been taken. Fernando de M. Campos, *Administrator-General*, City of Mexico; Juan J. Merino, *Auditor;* Carlos Borgatta, *Traffic Agent;* Celso Guadalajara, *Passenger and Freight Agent.* GENERAL OFFICE, Tehuacan, Mex.

Ferro-Carril Nacional Del Estmo de Tehuantepec. *Length of Road:* 79 kilo. Gauge, 4 ft. 8½ in. Locomotive engines, 5. Cars—passenger, freight, etc., 30. Don Delfin Sanchez, *Commissionario*, Mexico, Mex.; Don Juan Cobo y Sierra, *General Manager;* Alexandro Prefto, *Jefe del Commission de Ingnieros*, Tehuantepec, Mex.; M. Murrafiores, *Assistant Engineer*, Tehuantepec, Mex.; José Ma Sanchez, *Secretary, Treasurer and Auditor*, Mexico, Mex.; Pedro Unamé, *Master Mechanic*, Tehuantepec, Mex.

Ferro-Carril Urbano de Matamoras y Santa Cruz. *Length of Road:* 3½ miles. Double track. Gauge, 4 ft. 11 in.; rail, 36 lbs. Cars—passenger, 8; freight, 5. Mules, etc., 100. Francisco Armendiaz, *Owner*, Matamoras.

Inter-oceanic Railway of Acapulco and Vera Cruz. Registered April 30, 1888. Projected to run from Acapulco on the Pacific Ocean to Vera Cruz on the Atlantic, passing through the cities of Chilpancingo, Tixtla, Chietla, Izucar de Metamoros, Atlixes, Cholula, Puebla, San Marcus, Vireyes, Perote and Jalapa, a total distance of 825 kilo. of which 245 are completed and 175 in operation. From Puebla the line runs up to Mexico through San Martin. Tixmeiucan, Calpulalpam, Irolo and Tixcoco, a distance of 209 kilo., all in operation. From Mexico it runs down by Cuatta Marelos to Yantepec, Iiaitizapam, Jojutla and Amacusac, a distance of 231 kilo., of which in operation from Mexico to Iiaitizapam, 184 kilo. The principal branches are from Santa Barbara to San Martin, 66 kilo.; from Antigua to Huatusco, 76.5 kilo.; from Vireyes to San Juan de los Llanos, 22.3 kilo., and to be continued to Iiatlanquitepec and Tezlutlan, 65 kilo.; from San Lorenzo to San Nicholas, 22.3 kilo., and

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to be continued to "La Luz" and Saltepec on the Mexican Ry., 10 kilo.; from Soapaynca to Pachuca, 52 kilo.; from Chietla to Chantla Morelos, 68 kilo., and from Yantepec to Cuernavaca, 27 kilo. Total of main lines, 1,265 kilo., and of branches, 388 kilo.; total, 1,647 kilo. Main lines completed, 646 kilo., of which 568 in operation; branches completed, 43.6 kilo. Gauge, 3 ft.; rail (steel), 40.3 lbs. Locomotive engines, 45. Cars—passenger, 45; freight, 400. The Inter-oceanic Railway Company, Acapulco to Vera Cruz, Limited, London, purchased all the concessions granted by the Mexican Government to Sr. Delfin Sanchez who contracted the construction of all the lines. The company must finish said lines within the maximum term of twelve years, counting from July 1, 1887. A. B. Forwood, *Chairman*; Delfin Sanchez, *Director-General*; D. De Peon Genesal, *Superintendent*; A. L. Alexander, *Resident Engineer in Mexico*. GENERAL OFFICE, 14 Calle de San Augustin, Mexico City, Mex. LONDON OFFICE, Dashwood House, E. C.

Merida Street RR. Rudolfo G. Canton, *Proprietor*.

Mexican Central Railway Company (Limited). See General Index to POOR'S MANUAL OF RAILROADS.

Mexican International Railroad. See General Index to POOR'S MANUAL OF RAILROADS.

Mexican National Railway. See General Index to POOR'S MANUAL OF RAILROADS.

Mexican Railway Company (Limited). See General Index to POOR'S MANUAL OF RAILROADS.

Michoacan and Pacific Railway Company. *Line of Road:* Maravatio (on Mex. Nat. Ry.), to Angangueo and Las Trojes, 35 miles. Gauge, 3 ft.; rail (steel), 40 lbs. Chartered August 18, 1888, to build a line of road from Maravatio, on the Mexican National Ry., through Angangueo and Zitenaro, to Iguala, on the Inter-oceanic Ry. The road is owned by the Michoacan Railway and Mining Co., Limited, of England, who have received a concession from the Mexican Government containing the following conditions: (1) the road must be completed throughout its entire length by April 1896; (2) that all material used in the construction of the line shall be exempt from taxation for a term of fifteen years; (3) the company shall be exempted from taxation for a term of twenty years; (4) that the company is granted a right of way 70 metres wide; (5) the company is to receive a subvention of $6,000 for each kilo. constructed, payable one-half in cash and one-half in Mexican currency 6 per cent. bonds, the bonds to be repayable ten years after date of issue; (6) at the expiration of 99 years the road is to revert to the Mexican Government, who will pay a fair price for the entire plant, etc., and will only assume a mortgage on the line to the amount of $6,000 per kilo. at 6 per cent. The capital stock (£96,233) is divided as follows: £50,000 ordinary shares, which are entitled to share *pro rata* with the founder's shares, after the payment of dividends on preference shares; £42,000 preference shares, which are entitled to dividends (non-cumulative) up to 7 per cent. each year; £4,208 founder's shares, which are entitled to rank as ten ordinary shares in the distribution of the profits or assets of the company. Funded debt consists of debenture 6 per cent. 30-year bonds, due July 1, 1919, interest payable on 1st days of January and July, in London. The company reserves the right to redeem the bonds, after six months notice, before January 1, 1894, at 105, and after July 1, 1894, at par flat. The company is also authorized to issue further debentures to the amount of £3,000 per mile of road constructed and approved by the Government. The company has made a traffic arrangement with the Mexican National Ry. Co. Surveys are now in progress on the remainder of the line. When completed, this road is intended to form a connecting link between the M. N. Ry. and the I. Ry. *Rolling Stock*, May 31, 1890.—Locomotive engines, 2. *Directors.*—F. Nettleford, J. S. Sellon, Robert R. Symon, A. G. Renshaw, W. Shepherd, E. H. Carbutt, London, Eng. *Officers:* Robt. R. Symon, *Chairman*, London, Eng.; Thos. Adams, *Secretary*, London, Eng.; Geo. G. Baird, *Superintendent*, Angangueo, Michoachan, Mex. PRINCIPAL OFFICE AND ADDRESS, 2 Suffolk Lane, London, Eng.

Nautla and San Marcus Ry. *Line of Road authorized:* Bar of Nautla (on Gulf Coast, between Vera Cruz and Tuxpam) to San Marcos (on Mexican Railway), 111 miles; completed, 4 miles. Gauge, standard. Concession dated June 25, 1881. Federal subsidy, $9,660 per mile, or $1,072,260 in all. GENERAL OFFICE, Puebla.

Puebla and Izucar de Matamoras RR. *Line of Road:* Puebla to Izucar, 37 miles. Gauge, narrow. Concession dated May 6, 1878. Federal subsidy, $12,880 per mile, or $480,000 in all. GENERAL OFFICE, Puebla.

Sinaloa and Durango RR. Co. See General Index to POOR'S MANUAL OF RAILROADS.

Sonora Ry. See General Index to POOR'S MANUAL OF RAILROADS.

Tresnillo and Santa Rosalia RR. *Line of Road* projected and partly completed from Tresnillo to Rosalia, about 350 miles. No further information.

Vanegas, Cedral and Rio Verde Ry. *Completed:* Vanegas to Cedral, Mex., 16 miles; branch to Catorce, 11 miles. The company is also authorized to build to Rio Verde on the Tampico Division of the Mexican Central.

Vera Cruz, Anton Lizardo and Alvarado RR. *Line of Road:* Vera Cruz to Alvarado, 34 miles. Concession dated March 26, 1878. Extension authorized to be constructed from San Juan River to Isthmus of Tehuantepec, in State of Vera Cruz, 84 miles. Federal subsidy, $12,880 per mile, or $1,520,000 in all. GENERAL OFFICE, Vera Cruz.

PARAGUAY.

Paraguay Central Ry. Co. Registered in London February 11, 1889, to acquire from the Government of Paraguay the National Railroad, built in 1863, from Asuncion to Paraguari, 46 miles, and partly completed from Paraguari to Villa Rica, 46 miles, and the right to extend it to Villa Eucarnacion, on the Paraua, 136 miles, or in all 228 miles. Gauge, 5 ft. 6 in.; rail (steel), 65 lbs. The purchase price was £420,000, upon which the government guarantees 6 per cent. per annum, as also upon the cost (estimated at £8,000 per kilo.) of the extension to Villa Encarnacion. The line to Villa Rica was opened for traffic on December 25, 1889. Capital stock, £482,930, of which £210,000 preference and the balance ordinary; debentures, £400,000 5 per cent., interest May and November. E. P. Bouverie, *Chairman*; H. L. White, *Secretary*. GENERAL OFFICE, 10 Coleman Street, London, E. C.

Tramway de la Ciudad de la Asuncion. 1 mile. Gauge, 4 ft. 8½ in.; rail, 40 lbs.; 6 cars; animal traction. Campbell Oglivie, London, Eng., *Owner*; James Nelson Horrocks, *Manager*, Asuncion, Paraguay.

PERU.

Arequipa, Puno and Cuzco Ry. In October, 1889, the Peruvian Government entered into a contract with a syndicate composed of Messrs. Wm. R. Grace & Co., of New York, N.Y., and associates, under the terms of which the following lines of railroad were transferred to that syndicate: Arequipa, Puno and Cuzco Ry., 655 kilo.; Chimbote and Huarez RR., 40 miles; Ilo and Moquegua RR., 63 miles; Lima, Ancon and Chaucay RR., 43 miles; Mollendo and Arequipa RR., 107 miles; Pascamayo, Guadelope and Yonan Ry., 56.75 miles; Payta and Pierra RR., 63 miles; Pisco and Yca RR., 47 miles; Salaverry and Trujillo RR., 85 miles. The contract authorizes the building of two lines of road—one to connect the southern systems of Peru with the Desaguadera River and the frontiers

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of Bolivia, and the other to reach the navigable waters of the Amazon River, and for every completed kilomètre of such lines, the Peruvia Government grants 6,000 hectares (or 15,000 acres) of land. It is also stipulated in the contract that the the central railway system shall be extended to La Oroya, 50 miles, and the southern system to Sicuaal, 41 miles. At the expiration of 66 years all of the above railways shall revert to the Government. For full particulars relative to the above-named roads, see MANUAL for 1889.

Callao, Lima and Oroya RR.—*Line of Road:* Port of Callao to Chicla, 86.5 miles. Gauge, 4 ft. 8½ in. The construction of this railroad was begun in January, 1870, by the late Henry Meiggs under a contract made in December, 1869, with the Peruvian Government, which called for the completion of the whole line, Callao to Oroya, 135.8 miles, in 6 years, the contractor to receive $27,600,000 for the building of the line, which then was to become the property of the Government. The road presents some of the most remarkable engineering achievements in the world. Over sixty tunnels, or an average of about one every two miles, pierce the mountains in its path. Among these the most remarkable is the Galera, or Summit tunnel, 104.5 miles east of Callao, which is nearly 4,000 feet long, and is 15,645 feet above sea-level. At Mount Meiggs the road reaches its highest elevation, 17,574 feet, from that point descending the eastern slope of the Andes to Oroya, 12,257 feet above sea-level. In addition to the large number of tunnels there are also about eighty bridges on the line of the road, the most important being the Agua de Verrugas viaduct, 576 feet long and 253 feet high, constructed on the Fink truss plan. In consequence of the great engineering difficulties which attended the construction of this line its cost greatly exceeded the original estimates, and when the road reached Chicla, to which point it has been opened for several years, the funds applicable to its construction had been exhausted. Recently the road has been leased to Michael P. Grace, of W. R. Grace & Co., New York, representing a syndicate of capitalists which agrees to complete the line to Oroya, and develop and place in working order the celebrated Cerro del Pasco silver mines. Term of lease, 99 years; rental first seven years, *nil;* thereafter, $25,000 per annum, increased by an additional $25,000 per annum for each one per cent. of net profit over six per cent. on the capital invested. To complete and equip the road and the mines will call for the expenditure of about $12,000,000 to $15,000,000. William H. Chilley, *Representative in Peru*, Lima, Peru; Jacob Backus, *Superintendent*, Callao, Peru. GENERAL OFFICE, Lima, Peru.

Cerro de Pasco RR. This line runs from the Cerro de Pasco silver mines to the surrounding estates, and is used for the transportation of passengers and freight. Total projected length, 15 miles; estimated cost, $1,300,000, upon which the Government guaranteed 7 per cent. interest. Contract for construction made with Henry O. Wyman & Co., and work begun in June, 1869. Completed, 8 miles; graded, 3 miles. The line will connect with the Callao, Lima and Oroya line, and will probably be ultimately merged into that road. GENERAL OFFICE, Cerro de Pasco.

Eten and Ferrañafe RR. *Line of Road:* Port of Eten to Ferrañafe, 50 miles. Gauge, 4 ft. 8½ in. Original concession made, July 3, 1867, to José A. Garcia y Garcia; transferred, with permission of Government, October 19, 1867, to stock company. Road completed and opened in 1873. Nominal share capital, $2,000,000, with $600,000 in bonds bearing 9 per cent. annual interest. GENERAL OFFICE, Eten, Peru.

Lima and Magdalena RR. *Line of Road:* Lima west to Magdalena (watering-place), 5 miles. Gauge, 1 mètre. Owned by a stock company; nominal capital, $320,000. GENERAL OFFICE, Lima, Peru.

Lima Railways Co. (Limited). *Line of Road:* Port of Callao to Lima, 8.5 miles; Lima to Chorrillos (watering-place), 9 miles—total, 17.5 miles. Gauge, 4 ft. 8½ in.; rail (steel), 70 lbs. Locomotive engines, 17. Cars—passenger, 36; freight, 185. British corporation, incorporated under the Companies Act, 1862, to acquire and work two railways held under concessions from the Peruvian Government. First section (Callao and Lima Railroad) built under concession granted in 1848 by local capitalists; second (Lima and Chorrillos Railroad) built in same manner under concession granted in 1856. Original cost of both, $1,200,000. Acquired by present company and capital increased to £800,000, and £17,500 5½ per cent. debentures. Present cost, £848,868. Reserve fund, £14,715. Gross earnings for six months ending June 30, 1888, £28,295 10s. 4d.: net earnings, £9,648 12s. 8d. A dividend of 6 per cent. was paid in 1875, and five subsequently, of 2, 1½, 1, and two of 1½ per cent. respectively. D. Sykes, *Chairman*, London, Eng.; Alexander Prentice, *Manager*, Lima; Robert Reid, *Locomotive Superintendent*, Callao; George T. Curtis, *Secretary*, 1 Great Winchester Street, London, E. C.

Pimentel RR. *Main Line:* Port of Pimentel to Chiclayo, with branches to Lambayeque, Muchumi, Tucuma, Picsi and Ferrañafe—total length, 43 miles, of which about 30 completed. Private company, nominal capital, $1,000,000. This company receives no Government subsidy, but has a monopoly for 25 years. The completed portions of the road have been open for several years. GENERAL OFFICE, Pimentel, Peru.

Girardot RR. (*In progress. State of Cundinamarca*).—Chartered June 21, 1881. From Girardot, on Magdalena River, to Bogota, 75 miles. The first section, from Girardot to Tocaima, was finished in February, 1884, and the second section, from Tocaima to Juntas de Apulo, in 1889. Total length completed, 39 kilo. Work was suspended by the intervention of the revolution, but in August, 1887, the President of the Republic decided to resume operations on account of the Government. Work is now progressing on the second section, Tocaima to Juntas de Apulo, a distance of 11 kilo. Gauge, 3 ft.; rail (steel), 30 lbs. Locomotive engines, 4. Cars—passenger, 5; freight (box, 11; platform, 16), 27—total cars, 32. Capital stock for first section, $554,000. Francisco J. Cisneros, *General Director*, 35 Broadway, Room 84, New York City; James Wilson, *Resident Engineer*. PRINCIPAL OFFICE, Girardot, U. S. C.

La Dorado RR. (*In progress. State of Colima*).—From Honda to La Dorado, 30 miles, of which 15 miles (from Honda to Yeguas) is completed. Gauge, 3 ft.; rail (steel), 30 lbs. Chartered August 3, 1883. Reorganized August 20, 1883. This railroad is designed to unite the navigation of the Lower and Upper Magdalena River, avoiding the dangerous rapids of Honda. In April, 1888, the Dorado Ry. Co. (limited), a British corporation, was registered in London, with a capital of £172,000, for the purpose of acquiring the completed portion of this company's line; also for completely equipping and operating the same. *Rolling Stock.*—Locomotive engines, 2. Cars—passenger, 2; freight, 4—total, 6. *Operations* for year ending December 31, 1883.—Passengers carried, 13,915. Freight moved, 6,514.22 tons. Earnings—passenger, $2,285.10; freight, $18,500.78—total, $20,785.88. Expenses, $15,443.56. Net earnings, $5,342.32. Capital stock, $220,000. The Government contributes $7,000 per mile of road built. Francisco J. Cisneros, *Grantee and Director-General*, 35 Broadway, New York City; N. J. Nichol, *Resident Engineer*. PRINCIPAL OFFICE, Honda, U. S. C.

Panama RR. Co.—See General Index to POOR'S MANUAL OF RAILROADS.

Savana Ry.—Factativa, across the plain, toward Bogota, 11 miles.

PORTO RICO.

Tramway of the Estate "Casualidad." 1½ miles. Gauge, 1 ft. 11½ in.; 20 cars. Carlos Alers, *Aguadilla.*

Tramway of the Estate "Coloso." 1½ miles. Gauge, 1 ft. 7½ in.; 30 cars. Emilio, Vadi, *Aguadilla.*

Tramway of the Estate "Milagro." 2½ miles. Gauge, 1 ft. 7½ in.; 40 cars. Amell Julia & Co., *Aguadilla.*

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REPUBLIC OF COLOMBIA.

Antioquia RR. (State of Antioquia). *Projected Road:* Puerto Berrio, on the Magdalena River, to Medelin, 136.5 miles. Completed from Puerto Berrio to Pavas, 30 miles, and in progress to Rio Monus, 6.5 miles. Sidings, etc., 0.63 miles. Gauge, 3 ft.; rail, 30 lbs. Chartered February 17, 1874, with exclusive right to construct and operate a road opening up for traffic the interior of the State of Antioquia. Grant from the Government of the State of 247,000 acres of land and a subsidy of $17,000 per mile, the Government reserving one-third of the net profits. *Rolling Stock*—Locomotive engines, 5. Cars—passenger, 1; freight, etc., 20. Earnings, 1889, $15,391.12; expenses, $28,992.14; deficit, $13,601.02. Capital stock, $6,000,000. F. F. Whittekin, *General Manager and Chief Engineer;* W. P. Michell, *Superintendent of Bridges and Buildings;* M. L. Chadman, *Engineer Maintenance of Way;* Raphael Ramirez, *Foreman of Shops;* Juan B. Osorio, *Roadmaster.* PRINCIPAL OFFICE AND ADDRESS, Puerto, Berrio, Dept. of Antioquia, Colombia.

Cauca RR. (*In progress*), State of Cauca. From Buenaventura, on the Pacific coast, to the River Cauca, 85 miles, of which 12.5 miles are completed and in operation. Sidings, etc., 0.45 mile. Gauge, 3 ft.; rail, 30 lbs, Chartered May 7, 1878, to develop traffic of the State of Cauca, and to reach the extensive and rich coal-fields in the Valley of Cauca. Grant of 500,000 acres of land from the Government of the State. *Rolling Stock.*—Locomotive engines, 2. Cars—passenger, 3; freight, 18; construction, 31—total, 52. *Operations* for year ending August 31, 1883.—Passengers carried, 9,376; head of cattle carried, 1,087; specie carried, $75,720; tons of freight moved, 4,343,26. Earnings—passenger, $3,238.75; freight, etc., $22,508.81—total, $25,747.56. Expenses—maintenance of way, $12,899.27; rolling stock, $4,360.21; transportation, $23,632.74—total, $70,891.74. Deficit, $45,144.18. Capital stock, $6,000,000, of which the Government of the United States of Colombia is a subscriber to $3,000,000. Francisco J. Cisneros, *Granite and General Director;* 35 Broadway, New York City; John B. Dougherty, *Chief Engineer.* PRINCIPAL OFFICE AND ADDRESS, Buenaventura, U. S. C.

Ferro-Carril de Bolivar. Owned by Government. *Line of Road:* Baranquilla to Sabanilla, 15 miles. Gauge, 3 ft. 6 in.; rail, 45 lbs. Locomotives, 50; cars, 60. Eusebio Grau, *Superintendent,* Barranquilla.

Cucúta Ry. (Companio del Ferro-Carril de Cucúta.) *Line of Road:* From Zulia River to San José de Cucúta, 34 miles. Gauge, 3 ft. 3.4 in.; rail (steel), 30 lbs. Locomotives, 5. Cars—passenger, 8; freight, 52. Construction and equipment to December 31, 1888, $1,800,000. Net earnings for year 1887, $33,000. F. Ansoategin, *President;* M. A. Heredia, *Secretary;* J. A. Berti, *Treasurer;* P. Pinzon, *Chief Engineer.* Local Stock Company, San José de Cucúta.

SALVADOR.

Acajutla and Sonsonate RR. Port of Acajutla to Sonsonate, 15 miles. Gauge, 3 ft.; rail (steel), 40 lbs. Constructed under contract with the Government of Salvador, which guarantees annual dividends of 12 per cent. Road opened July 15, 1882. An extension from Sonsonate to San Salvador is under construction, and 23 miles, to Ateos, are completed. Locomotive engines, 2. Cars—passenger, 3; freight, etc., 25. Francisco Camacho, *Director,* Guatemala City, Guat.; R. A. Manne, *Superintendent;* A. J. Scherzer, *Engineer;* W. G. Ford, *Master Mechanic,* Sonsonate, Salvador. GENERAL OFFICE, Sonsonate, Salvador.

La Libertad and San Salvador RR. Projected by the Government from Port of La Libertad to San Salvador, the capital. Francisco E. Galindo, *Secretary of Public Works,* San Salvador, Salvador.

Salvadore Central Railway. Projected from the harbor of La Union, Bay of Fonseca, to the Guatemala boundary line. Preliminary work completed. To aid in the construction of this line the Government granted a subsidy of $10,000 per mile, and guarantees net earnings of $1,000 per mile. Daniel Butterfield, *Concessionary,* New York, N. Y.; Concession transferred to Messrs. Crocker, Huntington and Stanford.

San Salvador and Santa Tecla Tramway. From San Salvador to Santa Tecla, 9 miles. Cost to December 31, 1888, $200,000. Gross earnings for year, $37,600; net, $10,000. Built by the Government, but recently sold to F. Camacho, of Guatemala. José Rosule, *President;* Francos Ercobar, *General Superintendent,* San Salvador, Salvador. PRINCIPAL OFFICE, San Salvador, Salvador.

SAN DOMINGO (Island of Hayti, West Indies).

Ferrocarril de Samana y Santiago. Sanchez, at mouth of Yuma River, to La Vega, 62 miles. Sidings, 5 miles. Gauge, 3 ft. 6 in. Rail (steel), 35 lbs. per yard. Locomotives, 6. Cars, 27. This company is the outgrowth of several former concessions to individuals by the Republic. Extensions to Santiago, 30 miles west of La Vega, and to Maca, 12 miles northwest of the same place, are in contemplation. Owned by a Scottish syndicate. Wm. Taylor, *Secretary,* Glasgow, Scotland; Thomas McLeland, *General Manager;* E. M. Kimhardt, *Chief Clerk,* Sanchez. LOCAL OFFICE, Sanchez, Samana Bay, Island of San Domingo, W. I.

Muelle Nuevo Tramway. 1 mile. Gauge, 4 ft.; rail, 16 lbs.; platform cars (4-wheel), 22; average length, 12 feet. Thomas Simpson, *Administrator;* Ed. Bugarin, *Assistant Superintendent,* Puerto Plata, San Domingo.

Samana Bay and Santiago Ry. *Under construction* from Samana Bay up the Valley of La Vega Real to Santiago, 88 miles, of which laid with track 35 miles, and graded 25 miles further.

The San Marcos Tramway reported in the MANUAL for 1889, has suspended operations. A line from Puerto Plata to Santiago is projected. Estimated cost, $3,000,000. To be built by Dutch capitalists. Work was begun in November, 1889, on the San Domingo Central Ry. to run from the southern coast of the island to a salt mountain in the interior. Among the board of directors (elected December 2, 1889) are H. C. King, H. L. Beaux, B. P. Harris and G. G. Ward. OFFICE, 32 Liberty Street, New York.

TRINIDAD.

(British dependency; acquired 1797. Area, 1,754 square miles. Population, 1881, 153,128). *Line of Railway:* Port of Spain toward San Fernando, 15 miles. Opened in 1880. GENERAL OFFICE, Port of Spain, Trinidad.

URUGUAY.

Central Uruguay Ry. Co. of Montevideo (Limited). *Line of Road authorized:* Montevideo to Rivera; completed from Montevideo to Rio Negro, 170 miles, *Branch:* Santa Lucia to San José, 20 miles; *leased line:* Northeastern Ry. of Uruguay, Montevideo to Minas, 77 miles—total, 267 miles. Main line opened from Montevideo to Santa Lucia, 40 miles, in 1872; to near River Yi, 87.5 miles additional July 11, 1874, and to present terminus, including bridge over River Yi, 2.5 miles, in November, 1879. Extension of line to north bank of Rio Negro, 41 miles, opened July, 1885. To this company the Government of Uruguay has granted a perpetual succession, with a guarantee of £700 per mile per annum, attaching as each separate section of the line is opened.

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Total cost to June 30, 1889, £1,950,284. Gauge, 4 ft. 8½ in. Locomotive engines, 21. Cars—passenger, 38; freight, 388. Rail, 56 lbs. This company purchased in 1876 the line of the *Uruguay Central and Hygueritas Ry. Co.*, extending from junction with the Central Uruguay at Juan Chaso to San José, 20 miles. The total authorized length of the latter line is 146 miles, Santa Lucia to Hygueritas, the Government also guaranteeing a net revenue of 7 per cent. on £10,000 per mile. The completed section was opened May 20, 1876; total cost, £253,055. Under a contract entered into, this company operates in perpetuity the line of the Central Uruguay Eastern extension Ry., Ltd., statement for which see. *Officers* of the Central Uruguay Co.: H. Chamberlain, *General Manager*; R. Wingate, *Resident Engineer*; F. Hudson, *Locomotive Superintendent*, Montevideo; John Coghlan, *Chairman Board Directors*; C. O. Barker, *Purchasing Agent*; James Livesey, *Consulting Engineer*; E. G. Townsend, *Secretary*, London, Eng. CORPORATE OFFICE, 6 Finsbury Circus, London, E. C. LOCAL OFFICE, Montevideo.

Central Uruguay Eastern Extension Ry. (Limited). Registered February 18, 1889, to acquire a concession granted by the Uruguayan Government for a railway to extend from Toledo, on the N. E. Ry., to Artegas. It is intended to build only to Nico Perez, 210 kilo., for the present. Under the concession the Government guarantees (to the amount of £5,000 per kilo. of road built) interest at the rate of 7 per cent. per annum for 40 years, payable semi-annually in gold, the interest accruing from the time of opening each section of 50 kilo. of road, and all moneys so advanced by the Government are repayable, without interest, out of the surplus accumulating from the operation of the line, in excess of 8 per cent. on the guaranteed capital. The Government reserves the right to purchase the entire plant after the expiration of 25 years from the date of opening. Under an agreement made between this company and the Central Uruguay Ry. Co. of Montevideo (Limited), the latter company assumes the operation of the road in perpetuity, paying to this company, as rental therefor, from 40 to 50 per cent. of the annual gross earnings of the line. J. Coghlan, *Chairman*; W. R. Jenkins, *Secretary*. CORPORATE OFFICE, 6 Finsbury Circus, London, E. C.

Central Uruguay Northern Extension Ry. Co. (Limited). Registered in London October 27, 1888, to acquire a concession from the Uruguayan Government for a line forming an extension of the system of the Central Uruguay Ry. Co. of Montevideo, Limited, from its northern terminus at Sta. Isabel (Rio Negro) to the Brazilian frontier at Rivera, a distance of about 288 kilo. Line under construction. Under the concession the Government guarantees (to the amount of £5,000 per kilo. of road built) interest at the rate of 7 per cent. per annum, for 40 years, payable semi-annually in gold, the interest accruing from the opening of each section of 50 kilo. of road, and all moneys so advanced by the Government are repayable, without interest, out of the surplus accumulating from the operation of the line, in excess of 8 per cent. on the guaranteed capital. The Government reserves the right to purchase the entire plant after the expiration of 25 years from the date of opening the road. Authorized capital, £1,000,000, and o per cent. debenture stock for £513,333 is to be issued. J. Coghlan, *Chairman*; E. G. Townsend, *Secretary*; J. Livesey & Son, *Engineers*. PRINCIPAL OFFICE, 7 Finsbury Circus, London, E. C., England.

Eastern Uruguay Railway. Montevideo to Minas, 76 miles. Gauge, 4 ft. 8½ in.; rail, 50 to 60 lbs. Locomotive engines, 9. Cars—passenger, 10; baggage, etc., 5; freight, etc., 167. E. Cooper, *President*; J. F. Roberts, *General Manager*; E. Prebble, *Master of Locomotive Repairs*; Lewis Andreoni, *Chief Engineer*, Montevideo, Uruguay.

Midland Uruguay Ry. Co. (Limited). *Projected Line of Road:* Paso de los Toros to Salto, 196 miles. Registered in London under the Companies Act July 2, 1887, to acquire a concession granted by the Government of Uruguay. Under the concession the Government guarantees, for a period of 40 years (commencing from the opening of each section of 50 kilo.), 7 per cent. per annum on a capital stock of £5,000 per kilo. The first section of 50 miles of this road was opened for general traffic in August, 1889. The Government has power to purchase the line after 25 years from the commencement of its working, "at a just estimate of its value," with 20 per cent. profit. The authorized share capital is £600,000, in shares of £10 (all issued), and £300,000, or £6 per share, paid up, and 6 per cent. debenture stock to the amount of £1,131,375 has been issued, interest payable May and November. In the event of the purchase of the line by the Government, the debenture stock is to be repaid at par. The line is under contract to be completed, for the capital as above (including provision for working capital), within 3½ years, and during that time the debenture stock interest and 7 per cent. dividends on the shares are to be paid by the contractors. F. A. Hankey, *Chairman Board of Directors*; E. R. Tasman, *Secretary*, London, Eng.; J. J. Gardiner, *Resident Engineer*, Paysandio, B. O. Uruguay. OFFICE, 16 St. Helen's Place, London, E. C.

Northwestern Ry. Co. of Uruguay (Limited). *Line of Road:* Salto to Sta. Rosa and Brazilian frontier, 115 miles. At latter point connection is made with the Brazil Great Southern RR. Registered in London under the Companies Act May 3, 1883, to acquire the railway and other property of the Northwestern Ry. of Montevideo Co., Limited, which was formed to construct and operate a line under a concession from the Government of Uruguay, dated December, 1870. A new agreement was concluded in 1885 with the Government of Uruguay, with respect to the extension of the then existing line, the Government giving a guarantee for 40 years of £29,400 per annum, irrespective of any traffic results, and commencing with the opening of the sections of the extension. In 1887 the guarantee came into full operation. Capital, £119,620 fully paid ordinary shares; £568,-960 6 per cent. preference stock; £286,179 5 per cent. second preference stock, and £389,500 6 per cent. debenture stock (part of £400,000 authorized). Reserve fund, £15,000. C. G. Mott, *President*; J. D. Kennedy, *Secretary*; Allan Darton, *General Manager*; J. W. H. James, *Consulting Engineer*. LOCATION OF OFFICE, 70 and 71 Bishopsgate Street Within, London, E. C., England.

Pando Railway. *Line of Road:* Montevideo to Pando, 18 miles. Opened in 1883. No further information. GENERAL OFFICE, Montevideo, Uruguay.

Salto and Paso de los Toros Railway. Concession granted with Government guarantee attached for construction of a line from Salto to Paso de los Toros, a distance of 136 miles, connecting the Northwestern and the Central Uruguay Railways.

Uruguay Northern Ry. Co. (Limited). This company was formed to carry out a concession for the construction of a railway of about 114 kilo., or nearly 71 miles, from Isla de Cabellos, on the northwestern of Uruguay, to San Eugenio, on the Brazilian frontier. This railway forms part of the system provided for by the Law of Railways of August 27, 1884. In connection with the Northwestern of Uruguay, the Midland Uruguay, and the Central Uruguay, this road will form one continuous line from the Brazilian frontier to Montevideo. The Uruguayan Government guarantees upon the terms appearing in the laws and concession, for the period of 40 years from 1885, interest at the rate of 7 per cent. per annum on the kilometrical value of the railway; this has been fixed at £5,000 per kilo, which, on 114.2 kilo., makes the total amount of guaranteed interest £39,970 per annum. The annual charge for the debenture stock of the company is £22,470. The guaranteed interest commences from the opening of each section of 50 kilo. for public traffic, up to which date the interest is payable by the contractors on the instalments from time to time paid up on the debenture stock. The undertaking is free from license duty and direct taxes, and from import duty on construction material. Construction in progress. Capital, provided, £250,000 7 per cent. cumulative preference shares; £100,000 ordinary shares, to be issued to the contractors as fully paid up; and £149,400 5 per cent. perpetual debenture stock, secured as a first charge upon the undertaking and its equipment, and upon the Government guarantee. Interest upon this debenture stock payable on the 1st of January and July. E. M. Underdown, *Chairman*; E. R. Tasman, *Secretary*; James Livesey & Son, *Engineers*. PRINCIPAL OFFICE, 16 St. Helen's Place, Bishopsgate Street Within, London, E. C.

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URUGUAYAN TRAMWAY LINES.

Berro Tramway, Montevideo, 21.6 kilo., 1,000,000 passengers annually.

Brazilian Tramway, Montevideo, 10 kilo., 1,000,000 passengers annually.

Central Tramway, Montevideo, 9 kilo., 1,200,000 passengers annually.

Cerrity Tramway, Montevideo, 4 kilo., 600,000 passengers annually.

Eastern Tramway, Montevideo, 74 kilo., 1,000,000 passengers annually.

Oriental Tramway, Montevideo, 8 kilo., 1,000,000 passengers annually.

Paso del Molino and Cerro Tramway, Montevideo.

Pocitos Tramway, Montevideo, 12 kilo., 1,000,000 passengers annually.

Union Tramway, Montevideo to La Union, 8.1 kilo.; cars, 30; 1,500,000 passengers annually. GENERAL OFFICE, Montevideo.

VENEZUELA.

Bolivar Ry. *Line of Road;* Port of Tucacas, Caribbean Sea, to copper mines of Aroa, 55 miles. Gauge, 2 ft.; rail, 50 lbs. Locomotives, 13. Cars—passenger, 8; goods, etc., 377. British corporation. First section road opened June 13, 1874; whole line opened January 1, 1878. Total cost, £620,971; capital stock, £400,000; debentures, £225,000. In June, 1883, the company amalgamated with the New Quebrada Co., Limited, under the name of the Quebrada Ry., Land and Copper Co., Limited; the authorized capital being £1,000,000 (reduced in 1888 to £919,341); debentures, £400,000. In 1886 there were issued £50,000 6 per cent. prior mortgage bonds at £80 per cent. cash to the company, and also 37,518 ten per cent. preference shares of £1 each (all paid). This company will operate the Southwestern of Venezuela (Barquisimeto) Ry., now in course of construction from El Hacha Junction (9 miles below Aroa mines) to Barquisimeto, 55 miles, which is expected to be completed by October 31, 1890. N. G. Burch, *Managing Director and Secretary*, 4 Tokenhouse Buildings, London, E. C.; Thomas Richards, *Agent;* A. J. Gonzales, *Railroad Engineer*, Tucacas.

Caracas Tramway, in City of Caracas, 3 miles. GENERAL OFFICE, Caracas.

Carenero Ry. and Navigation Co. (Limited). Incorporated in London under the Companies Acts, to acquire the property of the "Compañia Anónima de Navigacion y Ferrocarril de Barloventa," of Caracas, Venezuela, which consists of a line of railway, 34 kilo. in length, from Carenero to San José and the concessions thereof, and also of the line of steamers between Carenero and La Guaira. This company acquired a concession from the Government, dated July 6, 1888, for a line of railway from the sea-coast to the town of Altagracia de Orituco. Share capital (£140,000 preference; £140,000 ordinary), £280,000, and £303,400 6 per cent. 1st mortgage debentures. Sir George B. Bruce, *Chairman;* Sir Douglas Fox, *Engineer;* Archer J. Secretan, *Secretary*. PRINCIPAL OFFICE, 6 Great Winchester Street, London, E. C., England.

La Guaira and Caracas Ry. *Line of Road;* Port of La Guaira to Caracas, the capital, 23 miles. Gauge, 3 ft.; rail (steel), 50 lbs. Locomotives, 10. Cars—passenger, 16; baggage, mail and express, 57—total, 73. British corporation; registered February 15, 1882. Concession for 99 years; no subsidy or revenue guarantee. Capital stock, £320,000—one-half subscribed for in Venezuela; debentures 5 per cent. stock, £370,000. Construction to December 31, 1888, £690,000. Earnings, 1888, £92,656. Expenses, £60,536. Net earnings, £32,120. Thomas C. Sanders, *President;* A. Bliss, *Secretary*, 43 New Broad Street, London, E. C.; D. G. Coss, *General Manager*, Caracas; J. Livesey & Sons, *Consulting Engineers*, Westminster, S. W. PRINCIPAL OFFICE, 43 New Broad Street, London, and Caracas, Venezuela.

Maiguetia and Macuto Ry. Macuto *via* La Guaira to Margarita, 4.5 miles. Rail (steel) owned by Lula Vallenilla, of Caracas, who has rented it for the construction of the Harbor Works to Punchard & Co., contractors, London. Locomotives, 2. Cars—passenger, 5. Gross earnings for last fiscal year, 60,340 francs; operating expenses, 103,963 francs. J. L. Houston, *Constructing Engineer*, La Guaira, Venezuela.

Selba and Mendoza RR. *Line of Road;* Selba to Mendoza, 30 miles. In operation. No further information.

Southwestern of Venezuela (Barquisimeto) Ry. Company (Limited). Registered February 27, 1888, to take over a concession from the Venezuelan Government for the construction of a railway from La Hache (on the Quebrada Ry.) to Barquisimeto, about 55 miles, with authorized extensions to Tocuyo, Trujillo and Carora. The Venezuelan Government agrees to subscribe to the capital stock of the company to the extent of one-fifth of the amount expended, not exceeding £2,000 per mile, and guarantees 7 per cent. interest per annum on a capital not exceeding £10,000 per mile. Line belongs to the company in perpetuity, and there is no option of Government purchase. Authorized capital is £340,000 in shares and £360,000 in debentures. Of the former, £40,000, and of the latter, £324,500 have been issued. G. E. Paget, *Chairman;* C. W. A. Key, *Secretary*. PRINCIPAL OFFICE, Ethelburga House, 70 and 71 Bishopsgate Street Within, London, E. C., England.

Venezuela Central Ry. (Puerto Cabello and Valencia Ry. Co., Limited). *Line of Road;* City of Valencia to Puerto Cabello, 246 kilo. Gauge, 3 ft. 6 in.; rail, 50 lbs. Locomotives, 8. Cars—passenger, 10; freight and cattle, 36. British corporation; registered May 27, 1885, to acquire a concession from the Venezuelan Government for a railway from Caracas *via* Petaré to Santa Lucia, and thence to Santa Teresa, Yare, Cua, Consejo, La Victoria, San Mateo, Turmero, Maracay, San Joaquin, Guacara and Guayas, to Valencia. The concession is dated February 2, 1880, runs for 99 years from the date of completion of the line, with guarantee of 7 per cent. per annum on capital of £3,350,000, the guarantee accruing from the time of completing and opening of each 10 kilomètres up to Santa Lucia and upon each 20 kilomètres between Santa Lucia and Valencia. Twenty kilomètres of road have been completed and opened, and the section to Santa Lucia is expected to be finished by the close of 1890. J. E. & M. Clark, of London, are contractors. Authorized share capital, £500,000, of which issued £250,000 and £200,000 7 per cent. debenture stock. Sir George Russell, *Chairman;* W. F. Knight, *Secretary;* J. J. Letts, *General Manager*, Caracas. GENERAL OFFICE, Metropolitan Chambers, 10 New Broad Street, London, E. C., England.

Other Lines are Projected as follows:

From Petaré to Cumana or Gueriquen in the Golfo Triste. Date of concession, April 8, 1886. Guarantee 7 per cent. for 99 years on cost of road. Concessionaries will own and work for their own benefit all mines and quarries discovered on route. From La Luz to Barquisimeto, with right of extension to Tocuyo, Carora, or Trujillo. Guarantee of 7 per cent. on cost of line (not to exceed £10,000 per mile) for 99 years. Concessionaries to have preference in working all mineral products found within 150 mètres of line. From Puerto Cabello to Bruzual, in the State of Zamora. Guarantee of 7 per cent. (on estimated cost of £3,000,000) for 99 years. From the Port of Cojoro to the City of Maracaibo, in the State of Falcon. Government guarantee of 7 per cent. on capital.

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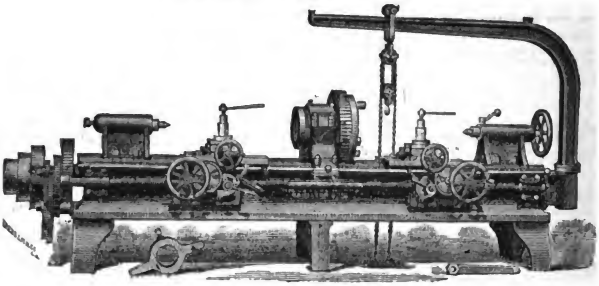

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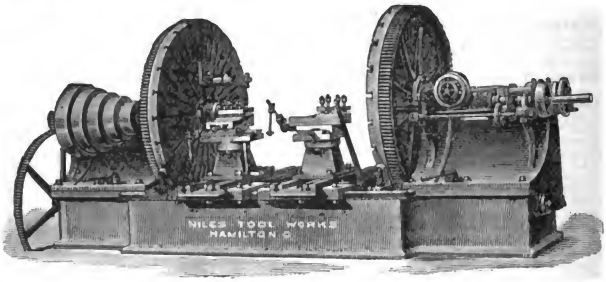

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Mast. of Mach.—B. Giles, Addison, N. Y.
Road Master—J. P. Wright, Addison, N. Y.
Supt. of Bridges—E. Albe, Addison, N. Y.

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Chief Eng.—A. K. Harvey, Cincinnati, O.
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Gen. Freight Agt.—D. Farlin, Albany, N. Y.
Comptroller—J. W. Sprong, Albany, N. Y.
Superintendent—C. D. Hammond, Albany, N. Y.
Chief Engineer—A. J. Swift, Albany, N. Y.
Gen. Baggage Agt.—C. S. Pease, Albany, N. Y.

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Gen. Foreman—J. M. McDonough, Montgomery, Ala.
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(Under construction and projected, 34 miles in Alameda Co., Cal.; completed, 6 miles. Capital stock authorized, $750,000. Organized May 1, 1888, as Alameda Co. Ry. Co. and reorganized under above name early in 1889. Gauge of road, 4 ft. 8½ in.)

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Mast. Car Builder—John Cowan, Verona, Pa.
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Supt. Telegraph—J. B. Stewart, Pittsburgh, Pa.
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Supervisor Riv. Div.—H. E. Bradley, Emlenton, Pa.
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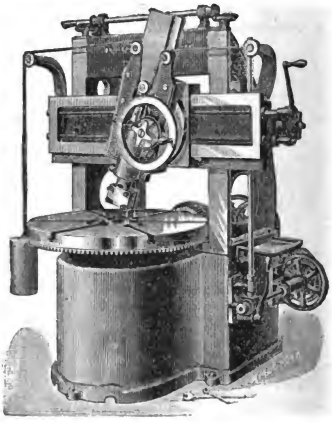

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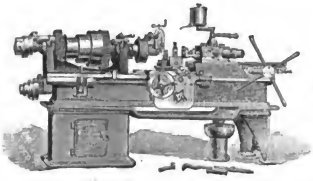

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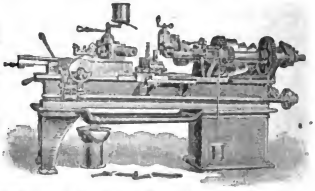

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W. S. Hancock, Needles, Cal.
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28 Atlantic City RR.

President—Austin Corbin, Philadelphia, Pa.
Vice-Pres't & Gen. Mgr.—A. A. McLeod, Phila., Pa.
Managing Dir.—S. Garwood, Camden, N. J.
Treasurer—W. A. Church, Philadelphia, Pa.
Secretary—Albert Foster, Philadelphia, Pa.
Comptroller—D. Jones, Philadelphia, Pa.
Gen. Supt.—I. A. Sweigard, Philadelphia, Pa.
Gen. Pass. Agt.—C. G. Hancock, Philadelphia, Pa.
Gen. Freight Agt.—B. H. Ball, Philadelphia, Pa.
Superintendent—Wm. H. Blood, Camden, N. J.
Supt. Motive Power—L. B. Paxson, Reading, Pa.
Chief Eng.—H. K. Nichols, Philadelphia, Pa.
Div. Eng.—W. G. Johnson, Camden, N. J.

29 Atlantic Coast Line.

(Comprising the following roads, aggregating 930 miles. GENERAL OFFICE, Wilmington, N. C.)

GENERAL OFFICERS.

President—W. T. Walters, Baltimore, Md.
1st Vice-Pres. & Sec.—Jno. B. Palmer, Richmond, Va.
2d Vice-Pres. & G. M.—H. Walters, Wilmington, N. C.
General Auditor—W. A. Riach, Wilmington, N. C.
Commissioner—R. D. Carpenter, Richmond, Va.
Gen. Fgt. & Pass. Agt.—T. M. Emerson, Wil'g'n, N. C.
Ass't Gen. Mgr. & Sup. Trans.—J. R. Kenly, Wil., N. C.
Gen. Baggage Agent—J. H. Hill, Richmond, Va.
Paymaster—A. B. Lynch, Wilmington, N. C.
Ass't Supt. of Trans.—E. Borden, Wilmington, N. C.

Officers of Roads North of Weldon.

RICHMOND AND PETERSBURG RAILROAD.

President—Fred R. Scott, Richmond, Va.

PETERSBURG RAILROAD.

President—John B. Palmer, Richmond, Va.

Officers of both Railroads.

Gen. Superintendent—E. T. D. Myers, Richmond, Va.
Sec'y & Treasurer—M. W. Yarrington, Richmond, Va.
Ass't Auditor—W. R. Jones, Richmond, Va.
Div'n Supt.—R. M. Sully, Petersburg, Va.
Master Mechanic—John O'Brien, Richmond, Va.
Road Master—H. M. Robinson, Weldon, Va.

29 Atlantic Coast Line.—*Continued.*

Officers of Roads South of Weldon.

WILMINGTON AND WELDON RAILROAD.

President—W. G. Elliot, Wilmington, N. C.
Secretary & Treas.—Jas. F. Post, Jr., Wilmington, N. C.
Storekeeper—E. F. Cason, Wilmington, N. C.
Roadmasters { S. A. Johnson, Magnolia, N. C.
J. M. Teachey, Rocky Mount, N. C.
J. M. Fitzgerald, Wilson, N. C.
Master Car Builder—J. H. Davis, Wilmington, N. C.

ALBEMARLE AND RALEIGH RAILROAD.

President—H. Walters, Wilmington, N. C.
Secretary—Jno. B. Palmer, Richmond, Va.
Treasurer—Jas. F. Post, Jr., Wilmington, N. C.

WILMINGTON, COLUMBIA AND AUGUSTA RR.

President—W. T. Walters, Baltimore, Md.
Secre'y & Treas.—Jas. F. Post, Jr., Wilmington, N. C.
Road Masters { T. J. Whitton, Florence, S. C.
A. N. Freeland, Sumter, S. C.
Master Car Builder—W. H. Day, Florence, S. C.

FLORENCE RAILROAD.

President—H. Walters, Wilmington, N. C.
Secre'y & Treas.—Jas. F. Post, Jr., Wilmington, N. C.

NORTHEASTERN RAILROAD.

President—A. F. Ravenel, Charleston, S. C.
Treasurer—B. S. Rhett, Charleston, S. C.
Secretary—T. G. Main, Charleston, S. C.
Ass't Supt.—W. N. Royall, Charleston, S. C.
Road Master—G. B. Newcomb, Florence, S. C.

CHERAW & DARLINGTON AND CHERAW & SALISBURY RAILROADS.

President—A. F. Ravenel, Charleston, S. C.
Secretary & Treas.—J. H. McIver, Cheraw, S. C.
Master of Transp.—G. G. Lynch, Florence, S. C.
Road Master—C. H. Newman, Florence, S. C.

MANCHESTER AND AUGUSTA RAILROAD.

President—H. Walters, Wilmington, N. C.
Secre'y & Treas.—Jas. F. Post, Jr., Wilmington, N. C.

CENTRAL RAILROAD OF SOUTH CAROLINA.

Treasurer—Jas. F. Post, Jr., Wilmington, N. C.

Officers of all Roads South of Weldon.

Gen. Superintendent—Jno. F. Divine, Wilmington, N. C.
Engineer of Roadway—B. R. Dunn, Wilmington, N. C.
Ass't Eng'r of R'd'y.—M. W. Divine, Wilmington, N. C.
Ass't Auditor—Jno. R. Latta, Wilmington, N. C.
Master of Machinery—John Bissett, Wilmington, N. C.

30 Augusta, Gibson and Sandersville RR.

President—R. M. Mitchell, Augusta, Ga.
Vice-President—R. W. Inman, New York, N. Y.
Sec. & Treas.—Geo. Adam, Augusta, Ga.
Gen. Mgr., Gen. Supt. & C. E. } Hamilton Wilkins, Augusta, Ga.
Mast. Mach., Mast. C. R. & Transp. } F. W. Reaney, Augusta, Ga.
Road Master—J. S. Turner, Hephzibah, Ga.
Supt. Bridges—J. W. Davis, Augusta, Ga.

31 Au Sable and Northwestern RR.

President—Col. D. Tisdale, Simcoe, Ont.
Gen. Manager—J. E. Potts, Detroit, Mich.
Sec. & Treas.—W. S. Waugh, Detroit, Mich.
Superintendent—H. Parks, Potts, Mich.
Chief Eng.—James F. Wilson, Potts, Mich.

32 Austin and Northwestern RR.

President—Jos. Collett, Terre Haute, Ind.
Vice-Pres.—W. H. Westfall, Burnet, Tex.
Treasurer—W. B. Isham, New York, N. Y.
Secretary—A. L. Rhomberg, Austin, Tex.
Gen. Supt.—A. N. Leitnaker, Austin, Tex.

33 Bachman Valley RR. of Maryland.

Pres. & Gen. Man.—Jerome L. Boyer, Reading, Pa.
Sec. & Treas.—E. G. Holder, Columbus, Pa.

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34 Baie des Chaleurs RR.

President—T. Robitaille, Quebec, Que.
Vice-Pres.—R. H. McGreevey, Quebec, Que.
Man. Director—L. J. Riopel, Quebec, Que.
Sec. & Treas.—L. A. Robitaille, Quebec, Que.
Superintendent—J. F. Armstrong, Cross Point, Que.
Ch'f Engineer—A. L. Light, Quebec, Que.
Contr. Engin'r—D. Le Duc, Cross Point, Que.

35 Baltimore and Delaware Bay RR.

President—Frank L. Hall, New York, N. Y.
Secretary—Geo. S. Jones, New York, N. Y.
Treasurer—John W. Watson, New York, N. Y.
Gen. Manager—E. Thielens, Philadelphia, Pa.
Gen. Supt.—Edward P. Stacey, Clayton, Del.

36 Baltimore and Drum Point RR.

President—Augustus Elbert, Baltimore, Md.
Vice-President—William H. Trego, Baltimore, Md.
Treasurer—Andrew Banks, Baltimore, Md.
Secretary—H. A. Albert, Baltimore, Md.
Chief Eng.—Nicholas Goldsborough, Baltimore, Md.

37 Baltimore and Eastern Shore RR.

President—Jas. B. Seth, Easton, Md.
Vice-Pres. & Treas.—E. E. Jackson, Salisbury, Md.
Asst. to Pres. & Sec.—Theophilus Tunis, Easton, Md.
Gen. Mgr. & Tkt., Frt. & Purch. Agt.—A. J. Benjamin, Salisbury, Md.
Superintendent—R. J. Henry, Berlin, Md.
Chief Engineer—C. R. Howard, Easton, Md.
Mast. Mach. & Car Rep.—Fred Ridings, Berlin and Easton, Md.
Road Mast. & Supt. of Br.—Fred Ridings, Salisb'y, Md.

38 Baltimore and Ohio RR.

President—C. F. Mayer, Baltimore, Md.
1st Vice-Pres.—Orland Smith, Baltimore, Md.
2d Vice-Pres.—T. M. King, Baltimore, Md.
3d Vice-Pres.—C. K. Lord, Baltimore, Md.
Ass't to Pres. & Sec.—Andrew Anderson, Baltimore, Md.
Treasurer—W. H. Ijams, Baltimore, Md.

* EAST OF OHIO RIVER.

Gen. Manager—J. T. Odell, Baltimore, Md.
Gen. Supt.—Alfred Walter, Baltimore, Md.
Gen. Ft. Traf. Mgr.—F. Harriott, Baltimore, Md.
Gen. Frt. Agt.—C. E. Ways, Baltimore, Md.
Gen. Frt. Agt.—C. S. Wight, Pittsburgh, Pa.
Gen. Pass. Agt.—Chas. O. Scull, Baltimore, Md.
Asst. Gen. Pass. Agt.—J. M. Schryver, Baltimore, Md.
Gen. East. Pass. Agt.—C. P. Craig, New York, N. Y.
Gen. Auditor—Wm. T. Thelin, Baltimore, Md.
Aud. of Rev.—Geo. W. Booth, Baltimore, Md.
Aud. of Disb.—A. F. Dunlevy, Baltimore, Md.
Act. Purch. Agt.—L. J. Buckley, Baltimore, Md.
Res. Engineer—P. H. Irwin, Baltimore, Md.
Chief Engineer—H. T. Douglass, Baltimore, Md.
Gen. Counsel—J. K. Cowen, Baltimore, Md.
Gen. Bag. Agt.—B. E. Peddicord, Baltimore, Md.
Mngr. C. R. O.—D. F. Maroney, Baltimore, Md.
Act. Gen. Supt. Mot. Pow.—G. B. Hazlehurst, Baltimore, Md.
Supt. Motive Pow. East of Ohio River—A. J. Cromwell, Baltimore, Md.
Eng. M. of W.—A. H. Johnson, Baltimore, Md.
Lumber Agent—John Bradshaw, Baltimore, Md.
Mast. Car B'r.—E. W. Grieves, Baltimore, Md.
Supt. Tel.—Chas. Selden, Baltimore, Md.
Div. Pass. Agt.—B. F. Bond, Baltimore, Md.
Land & Imm. Agt.—M. V. Richards, Baltimore, Md.
Supt. of Hotels—Geo. D. De Shields, Queen City H., Cumberland, Md.
Fuel Agt.—Chas. Frick, Cumberland, Md.

Main Line Division.

Supt. E. Div.—Thos. Fitzgerald, Baltimore, Md.
Supt. W. Div.—J. F. Legge, Grafton, W. Va.
Supt H., F. & V. Div.—T. C. Prince, Winchester, Va.
Div. Engrs. M. of Way.—J. A. Hunter, Grafton, W. Va.; J. B. T. Fendall, Baltimore, Md.
Master Mechanics.—S. B. Crawford, Mt. Clare, Baltimore, Md.; J. M. Marsteller, Martinsburg, W. Va.; J. E. Gleeson, Piedmont, W. Va.; John Adair, Grafton, W. Va.; Alex. Laird, Wheeling, W. Va.

* Including Ohio River bridges.

38 Baltimore and Ohio.—*Continued.*

Philadelphia Division.

Superintendent—J. Van Smith, Philadelphia, Pa.
City Fgt. Agt.—Geo. J. Lincoln, Philadelphia, Pa.
Div. Engr. M. of Way—W. A. Pratt, Philadelphia, Pa.
Mast. Mech.—Thos. Trezise, Philadelphia, Pa.
Dist. Pass. Agt.—C. R. Mackenzie, Philadelphia, Pa.

Pittsburgh Division.

Superintendent—J. V. Patton, Pittsburgh, Pa.
Div. Eng. M. of Way—W. T. Manning, Pittsburgh, Pa.
Gen. Fgt. Agt.—C. S. Wight, Pittsburgh, Pa.
Div. Ft. Agt.—T. W. Galleher, Pittsburgh, Pa.
Master Mech.—I. N. Kalbaugh, Glenwood, Pa.
Div. Pass. Agt.—E. D. Smith, Pittsburgh, Pa.

LINES WEST OF OHIO RIVER.

Gen. Supt.—————, Chicago, Ill.
Supt. M. Power—W. H. Harrison, Newark, O.
Engr. M. of Way—David Lee, Zanesville, O.
Engr. & Real Estate Agt.—T. J. Frazier, Zanesville, O.
Gen. Fgt. Agt.—C. S. Wight, Pittsburgh, Pa.
Asst. Gen. Pass. Agt.—O. P. McCarthy, Columbus, O.
Div. Pass. Agt.—W. E. Reppert, Columbus, O.
Gen. Wn. Pass. Agt.—L. S. Allen, Chicago, Ill.
Gen. Wn. Traff. Agt.—A. P. Bigelow, Chicago, Ill.
Div. Ft. Agt.—E. M. Davis, Tiffin, O.; E. T. Affleck, Columbus, O.
D. S., Ohio Div.—Geo. T. Jarvis, Newark, O.
M. M., Ohio Div.—E. L. Weisgerber, Newark, O.
D. Sup., Chic. D.—F. H. Britton, Chicago, Ill.
Eng., M. of Way, Ohio Div.—Chas. Vadakin, Newark, O.
Eng., M. of Way, Chic. D.—J. A. Spielmann, Garrett, Ind.
Train Mast., Ohio Div.—H. A. Morrison, Newark, O.
Train Mast. Chic. Div.—H. N. Coffinberry, Garrett, Ind.
M. M. C. D.—George R. Ott, Garrett, Ind.

39 Baltimore and Ohio Southwestern RR.

President—Edward R. Bacon, New York, N. Y.
Vice-President—W. W. Peabody, Cincinnati, O.
Secretary—Charles F. Low, Cincinnati, O.
Treasurer—W. E. Jones, Cincinnati, O.
Gen. Superintendent—I. G. Rawn, Cincinnati, O.
Gen. Counsel—J. Judson Harmon, Cincinnati, O.; E. W. Strong, Cincinnati, O.
Gen. Freight Agt.—R. M. Fraser, Cincinnati, O.
Gen. Pass. Agt.—O. P. McCarty, Cincinnati, O.
Asst. Gen. Pass. Agt.—W. H. King, Cincinnati, O.
Auditor—E. S. Thomas, Cincinnati, O.
Superintendent—J. E. Rose, Chillicothe, O.
Mast. Mech.—E. Evans, Chillicothe, O.
Road Master—S. W. Stone, Cincinnati, O.
Supt. Car Dep't—T. G. Duncan, Zaleskie, O.
Storekeeper—J. H. Walters, Chillicothe, O.
Road For. of Eng.—John G. Neuffer, Chillicothe, O.
Train Dispatcher—C. E. Denig, Chillicothe, O.

40 Baltimore and Potomac RR.

President—Oden Bowie, Baltimore, Md.
Vice-President.—Frank Thomson, Philadelphia, Pa.
Sec. & Auditor—James P. Kerr, Baltimore, Md.
Asst. Aud.—John S. Ruth, Baltimore, Md.
Treasurer—John S. Leib, Baltimore, Md.
Gen. Manager—Chas. E. Pugh, Philadelphia, Pa.
Gen. Pass. Agt.—J. R. Wood, Philadelphia, Pa.
Gen. Fgt. Agt.—W. H. Joyce, Philadelphia, Pa.
Div. Tkt. Agt.—E. S. Young, Baltimore, Md.
Div. Fgt. Agt.—J. G. Searles, Baltimore, Md.
Purch. Agt.—Enoch Lewis, Philadelphia, Pa.

Transportation Department.

Gen. Superint.—H. F. Kenney, Philadelphia, Pa.
General Agent—G. C. Wilkins, Baltimore, Md.
S. Mot. Power—J. M. Wallis, Philadelphia, Pa.
Foreman—Jesse Lescallett, Washington, D. C.
For. Car Shop—R. F. Downs, Washington, D. C.
Superintendent—H. H. Carter, Wilmington, Del.

(The general officers in charge of the several departments of operation of the Pennsylvania RR. Co. have control of corresponding departments of this road.)

41 Baltimore and Sparrows Point RR.

President—Luther S. Bent, Steelton, Pa.
Sec., Treas. & Purch. Agt.—R. K. Wood, Sparrows Point, Md.
Superintendent—W. S. Franklin, Sparrows Point, Md.

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42 Bangor and Piscataquis RR.

President—E. B. Nealley, Bangor, Me.
Sec., Tr. & Tr. A.—H. W. Blood, Bangor, Me.
Gen. Supt. & G. Fgt. & Tkt. Agt. } Arthur Brown, Bangor, Me.
Master Mech.—C. S. Nason, Bangor, Me.
Mas. Car Rep.—J. W. Comins, Oldtown, Me.
Supt. Tel.—C. H. Sawyer, Bangor, Me.
Road Master—E. M. Bassett, Oldtown, Me.

43 Bangor and Portland RR.

Pres., G. M. & Purch. Agt.—C. Miller, Bangor, Pa.
Vice-President—D. C. Blair, Belvidere, N. J.
Secretary—Geo. W. Mackey, Bangor, Pa.
Treasurer—John I. Miller, Bangor, Pa.
Ass't Gen. Man.—John D. Vail, Blairstown, N. J.
Gen. F. & P. Ag.—C. N. Miller, Bangor, Pa.
Aud.—W. M. Bennett, Bangor, Pa.
Chief Engineer—E. G. Wire, Belvidere, N. J.
Mast. Mech.—S. Rasner, Bangor, Pa.
Mast. Car Rep.—O. Schmidt, Bangor, Pa.
Supt. of Tel.—W. Bellis, Portland, Pa.
Road Master—M. Ducy, Bangor, Pa.
Master Transp.—J. J. Heintzelman, Nazareth, Pa.

44 Barnegat Park.

(*Projected line*: Barnegat Park Station, N. J., to Barnegat Bay, 2 miles: under construction.)
President—John B. Larner, Washington, D. C.
Secretary—Wm. L. Bruen, Barnegat Park, N. J.

45 Barnwell RR.

Prest. & Treas.—Mike Brown, Barnwell, S. C.
Vice-President—Johnson Hagood, Barnwell, S. C.
Sec., Aud., Gen. Tkt. & Fgt. Agt. } R. S. Thompson, Barnwell, S. C.
Gen. Supt.—J. T. Willis, Barnwell, S. C.

46 Barre Railroad.

President—A. D. Morse, Barre, Vt.
Managing Director—W. A. Stowell, Barre, Vt.
Treasurer—C. L. Currier, Barre, Vt.
Act. Supt., Gen. F. & P. A.—F. W. Stanyan, Barre, Vt.
Asst. Supt. & M. M.—J. M. Boutwell, Barre, Vt.

47 Bath and Hammondsport RR.

Pres.—Chas. W. Drake, New York, N. Y.
Vice-Pres.—M. F. Sheppard, Penn Yan, N. Y.
Sec.—F. M. McDowell, Penn Yan, N. Y.
Treas.—Frank Campbell, Bath, N. Y.
Les. G. M. & Au.—H. S. Stebbins, Ham'dsport, N. Y.
Asst. Mgr.—W. J. Benedict, Hammondsport, N. Y.
Master Mechanic—Geo. W. Witt, Hammondsport, N. Y.
Road Master—John Fogarty, Hammondsport, N. Y.
Chief Eng.—Walter Patison, Hammondsport, N. Y.

48 Battle Creek & Sturgis Ry., and Sturgis, Goshen & St. Louis Ry.

OFFICERS OF BOTH ROADS.

Receiver—W. K. Ackerman, Battle Creek, Mich.
Gen. Supt.—W. I. Fox, Battle Creek, Mich.
Auditor—Bruce Ellis, Battle Creek, Mich.
Road Master—C. T. Buchanan, Battle Creek, Mich.

For Corporate Officers see GENERAL INDEX, POOR'S MANUAL OF RAILROADS.

49 Bay Ridge and Annapolis RR.

President—Hugh L. Bond, Jr., Baltimore, Md.
Vice-President—J. Wirt Randall, Annapolis, Md.
Secretary—G. H. Slaughter, Baltimore, Md.
Treasurer—W. H. Ijams, Baltimore, Md.

50 Bear Lake and Eastern RR.

President & G. M., Purch. Agt. & Auditor. } G. W. Hopkins, Bear Lake, Mich.
Secretary—D. H. Hopkins, Bear Lake, Mich.
Asst. Sec., Gen. Fgt. & Tkt. A. } John E. Bowen, Bear Lake, Mich.
Treasurer—E. S. Hopkins, Bear Lake, Mich.
Gen. Supt.—C. G. Wareham, Bear Lake, Mich.

51 Beech Creek RR.

President—M. E. Olmsted, Harrisburg, Pa.
Vice-President—C. Vanderbilt, New York, N. Y.
Sec. & Treas.—Allyn Cox, New York, N. Y.
Gen. Manager—George J. Magee, Corning, N. Y.
Supt. & Pur. Agt.—A. G. Palmer, Jersey Shore, Pa.
G. Ft. & Pas. Agt.—F. E. Herriman, Philadelphia, Pa.
Cash. & Paym.—G. E. Hustis, Jersey Shore, Pa.
Auditor—W. H. Herrick, Jersey Shore, Pa.
Gen. Solicitor—S. R. Peale, Lock Haven, Pa.
Engineer—J. B. McIntyre, Jersey Shore, Pa.
Car Account't—J. Stark, Jr., Jersey Shore, Pa.
Master Mech—L. Ames, Jersey Shore, Pa.
Road Master—M. Vail, Phillipsburgh, Pa.
Pmn. Eng. Ho.—B. F. Fields, Jersey Shore, Pa.
Pmn. Wood W.& Cr. D. } A. L. Dravenstadt, Jersey Shore, Pa.

52 Bellaire, Zanesville and Cincinnati Ry.

President—S. L. Mooney, Woodsfield, O.
Vice-President—M. Churchill, Zanesville, O.
Treasurer—W. C. Mooney, Woodsfield, O.
Secretary—M. Hoeffler, Woodsfield, O.
General Manager—W. R. Crumpton, Zanesville, O.
Acting Auditor—J. A. Cox, Zanesville, O.
Supt. Transp.—J. B. Rhodes, Zanesville, O.
Chief Engineer—J. K. Geddes, Zanesville, O.
Master Mech.—D. L. Fusner, Zanesville, O.
General Counsel—W. F. Hunter, Woodsfield, O.
General Agent—M. R. Seal, Bellaire, O.

53 Belt Railroad (and Stock Yard).

President—W. P. Ijams, Indianapolis, Ind.
Vice-President.—Horace Scott, Indianapolis, Ind.
Sec. & Treas.—R. S. McKee, Indianapolis, Ind.
Auditor—W. D. Ernst, Indianapolis, Ind.

54 Bennington and Glastenbury RR.

President.—Russell C. Root, New York, N. Y.
Secretary—Geo. W. Harman, Bennington, Vt.
Gen. Supt.—Amos Aldrich, Bennington, Vt.
Gen. & Trav. Pass. Agt.—H. W. Martin, Benn., Vt.
Mast. of Mach.—C. C. Clapp, Bennington, Vt.

55 Bennington and Rutland Ry.

President—J. G. McCullough, N. Benningt'n, Vt.
Vice-President.—F. B. Jennings, New York, N. Y.
Secretary—G. W. Harman, Bennington, Vt.
Treasurer—S. B. Hall, Bennington, Vt.
Asst. Treas.—S. B. Hall, N. Bennington, Vt.
Gen. Supt.—E. D. Bennett, Bennington, Vt.
Gen. Fgt. & Pass. Agt.—H. W. Spafford, Rutland, Vt.
Auditor—W. G. Shaw, N. Bennington, Vt.
Road Master—A. G. Coomer, N. Bennington, Vt.
Mast. of Mach. & Car Rep. } Chas. J. McMaster, Rutland, Vt.
Sup. Bridges—A. G. Coomer, N. Bennington, Vt.

56 Bentonville Ry.

President—A. J. Bates, Bentonville, Ark.
Vice-President—J. H. McClinton, Bentonville, Ark.
Treas.& Gen.Frt.Agt.—D. H. Woods, Bentonville, Ark.
Sec., Aud. & Gen. Mgr.—N. S. Henry, Bentonville, Ark.
Gen. Pass. Agt.—F. M. Bates, Bentonville, Ark.

57 Berlin Branch RR.

President—A. W. Eichelberger, Hanover, Pa.
Secretary—A. W. Storm, East Berlin, Pa.
Treasurer—Jacob Resser, East Berlin, Pa.

58 Birmingham, Selma & New Orleans Ry.

President—A. W. Jones, Selma, Ala.
Sec., Treas. & Supt.—A. M. Fowlkes, Selma, Ala.
Mast. Mech.—J. D. Fitzgerald, Selma, Ala.
Roadmaster—S. D. Killian, Selma, Ala.

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59 Birmingham, Sheffield and Tennessee River Ry.

President—Alfred Parrish, Philadelphia, Pa.
Vice-President—N. Thouron, Philadelphia, Pa.
Sec. and Treas.—Wm. Pearsall, Philadelphia, Pa.
Gen. Counsel—R. T. Simpson, Sheffield, Ala.
Gen. Manager—P. Campbell, Sheffield, Ala.
Supt.—E. Marsh, Sheffield, Ala.
Auditor—L. Long, Sheffield, Ala.
Cashier—Thos. L. Carter, Sheffield, Ala.
Mast. Mechanic—J. T. Edwards, Sheffield, Ala.
Roadmaster—Thos. Cantrill, Sheffield, Ala.

60 Bishopville RR.

President & Gen. Mgr.—P. L. Bridgers, Atkins, S. C.
Gen. Supt.—John Barry, Atkins, S. C.
Sec. & Solicitor—J. T. Barron, Atkins, S. C.
Gen. Ft., Pass., Purch. } N. B. Rankin, Wilmington, N. C.
Agt. & Auditor
Mast. of Mach. & Car Rep.—C. N. Collins, Atkins, S. C.

61 Black Hills and Fort Pierre RR.

President—George Hearst, S. Francisco, Cal.
Sec. & Supt.—Thomas J. Grier, Lead City, Dak.
Treasurer—Jas. B. Haggin, S. Francisco, Cal.

62 Blackville, Alston and Newberry RR.

President—Geo. A. Wagener, Charleston, S. C.
Vice-Pres. & Treas.—M. Brown, Barnwell, S. C.
Gen. Supt.—J. C. Keys, Blackville, S. C.
Sec., Aud. & Purch. A.—R. S. Thompson, Barnwell, S.C.
Gen. Ft. Agt.—S. B. Pickens, Charleston, S. C.

63 Bloomsburg and Sullivan RR.

Prest.—C. R. Buckalew, Bloomsburg, Pa.
1st Vice-Prest.—Morton McMichael, Philadelphia, Pa.
2d Vice-Pres.—Sam'l Wigfall, Bloomsburg, Pa.
Gen. Mgr.—F. M. Leader, Bloomsburg, Pa.
Treasurer—L. E. Waller, Bloomsburg, Pa.
Secretary—H. J. Conner, Orangeville, Pa.
Chf. Eng.—Jno. A. Wilson, Philadelphia, Pa.
Road Master—W. C. Fortune, Bloomsburg, Pa.
Stock Registrar—City Trust Co., Philadelphia, Pa.

64 Blue Ridge and Atlantic RR.

Pres. & Gen. M.—W. B. Thomas, Tallulah F'ls, Ga.
Vice-President—G. H. Yancy, Athens, Ga.
Treasurer—James White, Athens, Ga.
Secretary—A. H. Hodgson, Athens, Ga.
Auditor—R. E. Garrison, Tallulah Falls, Ga.

65 Bodie & Benton Ry. and Commercial Co.

President—H. M. Yerington, Carson, Nev.
Vice-President—A. J. Ralston, S. Francisco, Cal.
Sec. & Treas.—Thos. Menzies, San Francisco, Cal.
Gen. Supt., Eng. } Thomas Holt, Bodie, Cal.
& Traf. Mgr.
Auditor—J. C. Grant, Bodie, Cal.
Mast. of Mach.—E. H. Barton, Bodie, Cal.
Mast. Mech.—E. L. Reese, Bodie, Cal.
M. of Car. Rep.—J. H. Wymon, Bodie, Cal.
Road Master—W. V. Rodenhurst, Bodie, Cal.
Attorney—W. S. Wood, S. Francisco, Cal.

66 Boston and Albany RR.

President—William Biles, Boston, Mass.
Vice-President & Sec.—J. A. Rumrill, Springfield, Mass.
Treasurer—Charles E. Stevens, Boston, Mass.
Gen. Manager—Walter H. Barnes, Boston, Mass.
Gen. Supt.—H. T. Gallup, Springfield, Mass.
Gen. Pass. Agt.—A. S. Hanson, Boston, Mass.
Gen. Tick. Aud.—Geo. B. Griggs, Boston, Mass.
Gen. Ft. Agt.—H. B. Chapin, Boston, Mass.
Gen. Bag. Agt.—J. C. Lenix, Boston, Mass.
G. Traf. Mgr.—Arthur Mills, Boston, Mass.
Chief Eng.—W. H. Russell, Springfield, Mass.
Ass't Eng.—Walter Shepard, Boston, Mass.
Auditor—M. E. Barber, Bostord, Mass.
Gen. Counsel—Samuel Hoar, Boston, Mass.
Paymaster—Albert Holt, Boston, Mass.
Supt. Mot. Pow'r. } A. B. Underhill, Springfield, Mass.
& Mach.
Mast. Car B'r.—F. D. Adams, Allston, Mass.

66 Boston and Albany RR.—*Continued.*

Division Superintendents.—W. R. Robeson, Jr., East Albany, N. Y.; Edwin I. Sackett, Springfield, Mass.; H. B. Chesley, Boston, Mass.

Division Master Mechanics.—T. B. Purvis, East Albany, N. Y.; H. W. Eddy, Springfield, Mass.; Wm. H. Taft, Boston, Mass. ; H. E. Davis, Worcester, Mass.; D. M. Peck, Pittsfield, Mass.

67 Boston and Maine RR.

President—Frank Jones, Boston, Mass.
Vice-Pres. & Gen. Man—James T. Furber, Boston, Mass
Treasurer—Amos Blanchard, Boston, Mass.
Clerk & Attorney—Sigourney Butler, Boston, Mass.
G. P. & T. A.—Dana J. Flanders, Boston, Mass.
A. G. P. & T. A.—Chas. E. Lord, Boston, Mass.
Gen. Fgt. Agt.—Wm. F. Berry, Boston, Mass.
Asst. G. F. Agt.—D. C. Prescott, Boston, Mass.
Gen. Auditor—Wm. J. Hobbs, Boston, Mass.
Chief Eng.—H. Bissell, Boston, Mass.
Purch. Agent—J. A. Farrington, Boston, Mass.
Supt. West. Div.—Wm. Merritt, Boston, Mass.
Supt. East. Div.—D. W. Sanborn, Boston, Mass.
Supt. Nor. Div.—J. W. Sanborn, Wolfb'ro Jct., N. H.
Supt. So. Div.—W. F. Simons, Boston, Mass.
Supt. Worc., Nash. } Geo. W. Hurlburt, Worcester, Mass.
& Roch. Div.
Supt. Mo. Pow. & Mach'y—Wm. Smith, Boston, Mass.
Mast. Car B'r.—J. T. Chamberlain, Lawrence, Mass.
Gen. Baggage Agt.—W. R. Brackett, Boston, Mass.
Fuel Agent—Alfred Perkins, Boston, Mass.
Claim Agents. } A. L. Knight, Boston, Mass.
J. C. Blood, Boston, Mass.
Div. Pass. Agt.—C. A. Waite, Worcester, Mass.
Div. Mast. Mech.—Amos Barrett, Worcester, Mass.

68 Boston, Revere Beach and Lynn RR. Boston, Winthrop and Shore RR.

OFFICERS OF BOTH RAILROADS.

President—I. P. T. Edmands, Boston, Mass.
Sec., Treas. & } John A. Fenno, Boston, Mass.
Gen. Tkt. Agt.
Supt. & Pur. A.—C. A. Hammond, Boston, Mass.
Mas. Mechanic—R. D. Sutherland, Boston, Mass.
Mast. Car B'r.—John Coghlan, E. Boston, Mass.
Road Master—Charles Lavoix, Boston, Mass.

69 Bowden Lithia Springs Short Line.

President—E. W. Marsh, Salt Springs, Ga.
Vice-President—S. N. Innman, Salt Springs, Ga.
Supt., Treas. } Jas. H. Watson, Salt Springs, Ga.
& Gen. Man.

70 Bradford, Bordell and Kinzua RR.

Pres. & Purch. Agt.—John J. Carter, Titusville, Pa.
Vice-President—A. I. Wilcox, Bradford, Pa.
Treasurer—C. T. Griggs, Bradford, Pa.
Secretary, John E. Ransom, Buffalo, N. Y.
Superintend't—John C. McKenna, Bradford, Pa.
Gen. Ft. & Pass. Ag.—John C. McKenna, Bradford, Pa.
Aud. & Supt. Tel.—W. R. Dieffenback, Bradford, Pa.
Gen. Solicitor—G. L. Roberts, Bradford. Pa.
Master Mech.—C. Greenough, Bradford, Pa.

71 Bradford, Eldred and Cuba RR.

Receiver—Thomas C. Platt, New York, N. Y.
Agt. for Receiver—Frank M. Baker, Addison, N. Y.
President—Frank H. Platt, New York, N. Y.
Secretary—Theodore F. Wood, New York, N. Y.
Supt., Gen. Frt. } W. W. Atwood, Wellsville, N. Y.
& Pass. Agt.

72 Brantford, Waterloo and Lake Erie RR.

President—G. H. Wilkes. Brantford, Ont.
Vice-President—Thomas Elliott, Brantford, Ont.
Treasurer—R. Henry, Brantford, Ont.
Secretary—J. J. Hawkins, Brantford, Ont.
Gen. Manager—H. D. Latham, Brantford, Ont.
Superintendent—H. B. North, Brantford, Ont.
Gen. Frt. & Pass. Agt.—W. Warburton, Brantf'd, Ont.
Chief Engineer—H. D. Wickstead, Brantford, Ont.

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73 Bridgton and Saco River RR.

President—Wm. F. Perry, Bridgton, Me.
Treasurer—P. P. Burnham, Bridgton, Me.
Sec., Gen. Fgt. & Ticket. Agt. & Sup. } J. A. Bennett, Bridgton, Me.
Chief Engineer—S. L. Stevenson, Gorham, Me.
Mast. Mech. & Pur. Agt.—M. M. Caswell, Bridgton, Me.

74 Brigantine Beach RR.

President—Samuel St. J. McCutchen, New York, N. Y.
Vice-Pres.—Moritz Lippman, Philadelphia, Pa.
Treasurer—James B. Van Woert, New York, N. Y.
Secretary—E. Clarence Miller, Philadelphia, Pa.
Chief Engineer—Edmund C. Stout, New York, N. Y.

75 Brinkley, Helena and Indian Bay RR.

President—W. H. Wright, Little Rock, Ark.
Treasurer—H. G. Ryley, Brinkley, Ark.
Secretary—H. H. Myers, Brinkley, Ark.
Gen. Supt.—O. M. Norman, Brinkley, Ark.

76 Brockville, Westport and Sault Ste. Marie RR.

(*Projected line:* Brockville, Ont., to Westport, Ont., 50 miles; under construction.)

Manager—R. G. Hervey, Brockville, Ont.
Gen. Fgt. & Pass. Agt.—James Mooney, Brockville, Ont.
Accountant—E. A. Geiger, Brockville, Ont.

77 Brookfield Ry.

(*Projected line:* Brookfield to North Brookfield, N. Y., 7 miles; under construction.)

President—William Stanbro, Brookfield, N. Y.
1st Vice-Pres.—P. Stanbro, Brookfield, N. Y.
2d Vice-Pres.—W. E. Brown, Brookfield, N. Y.
Secretary—M. L. Brown, Brookfield, N. Y.
Treasurer—Thos. A. Crandall, Brookfield, N. Y.
Gen. Manager—H. L. Spooner, Brookfield, N. Y.
Chief Engineer—W. T. Randall, Oneida, N. Y.

78 Brooklyn, Bath and West End RR.

President—John M. Butler, Philadelphia, Pa.
Sec. & Treas.—J. Horace Harding, Philadelphia, Pa.
Auditor—O. M. Mears, Brooklyn, N. Y.
Gen. Supt.—John P. Heindell, Brooklyn, N. Y.

79 Brooklyn and Brighton Beach RR.

President—James Jourdan, Brooklyn, N. Y.
Sec. & Treas.—E. L. Langford, Brooklyn, N. Y.
Superintend't—J. L. Morrow, Flatbush, N. Y.
Gen. P. & T. A.—Percy W. Watkins, Brooklyn, N. Y.
Master Mech.—W. Finley, Brooklyn, N. Y.
Road Master—J. Erbelding, Brooklyn, N. Y.

80 Brooklyn Elevated RR.

President—Henry W. Putnam, Brooklyn, N. Y.
Vice-Pres.—Elbert Snedeker, Brooklyn, N. Y.
Sec. & Treas.—Hugo Rothschild, Brooklyn, N. Y.
As. Sec. & Cashier—J. W. W. Mitchell, Brooklyn, N. Y.
Auditor—W. B. Longyear, Brooklyn, N. Y.
Gen. Man. & Pur. A.—Frederic Martin, Brooklyn, N. Y.
Chief Engineer—O. F. Nichols, Brooklyn, N. Y.
Master Trans.—Geo. W. Edwards, Brooklyn, N. Y.
Mast. of Mach. & Car Rep.—O. Falhurst, Brooklyn, N. Y.
Road Master—John H. Simmons, Brooklyn, N. Y.

81 Brooklyn and Rockaway Beach RR.

Pres. & Treas.—DeWitt C. Littlejohn, Oswego, N. Y.
Secretary—Henry W. Johnson, New York, N. Y.

82 Brunswick and Western RR.

President—H. B. Plant, New York, N. Y.
Vice-Pres.—M. F. Plant, New York, N. Y.
Treasurer—J. Moultrie Lee, Savannah, Ga.
Secretary—R. B. Smith, New York, N. Y.
Gen. Man.—H. S. Haines, Savannah, Ga.
Traffic Mgr.—C. D. Owens, Savannah, Ga.
Supt. & Purch. Agt.—Geo. W. Haines, Brunswick, Ga.
Chief Engineer—W. B. W. Howe, Jr., Savannah, Ga.
G. Ft. & Pass. Agt., *Mast. of Transp.* } J. A. McDuffie, Brunswick, Ga.
Mast. Mach. & Car Rep.—D. B. Overton, Brunswick, Ga.
Auditor—R. S. McIver, Brunswick, Ga.

83 Buctouche and Moncton Ry.

President—Louis G. de Bertram, Brooklyn, N. Y
Vice-Pres.—J. L. Harris, Moncton, N. B.
Manager & Treas.—C. F. Hanington, Moncton, N. B.
Secretary—Thos. M. Williamson, Chipman, N. B.

84 Buffalo and Geneva RR.

President—W. S. Bissell, Buffalo, N. Y.
Vice-Pres.—Wm. Stevenson, Sayre, Pa.
Secretary—Geo. M. Diven, Elmira, N. Y.
Treasurer—Howard Elmer, Sayre, Pa.
Chief Engineer—Paul S. King, Buffalo, N. Y.

85 Buffalo and Williamsville.

(*Projected:* Buffalo to Williamsville, N. Y., 10 miles; under contract.)

President—B. J. Tillman, Buffalo, N. Y.
Vice-Pres.—F. D. Stow, Buffalo, N. Y.
Treasurer—T. M. Johnson, Buffalo, N. Y.
Secretary—A. H. Roudebush, Buffalo, N. Y.

86 Buffalo Run, Bellefonte and Bald Eagle RR.

President—John Reilly, Philadelphia, Pa.
Sec. & Treas.—J. L. Kurtz, Bellefonte, Pa.
Gen. Supt.—Thos. A. Shoemaker, Bellefonte, Pa.
Chief Engineer—R. H. Beal, Bellefonte, Pa.

87 Buffalo Creek RR.

President—F. L. Danforth, Buffalo, N. Y.
Sec. & Treas.—William H. Sayre, Bethlehem, Pa.
Gen. Agent—R. F. Goodman, Buffalo, N. Y.
Road Master—S. E. Weed, Buffalo, N. Y.

88 Buffalo Creek Transfer RR.

President—Horace A. Noble, Buffalo, N. Y.
Treasurer—John R. Williams, Buffalo, N. Y.
Secretary—Frank F. Williams, Buffalo, N. Y.

89 Buffalo, Lackawanna and Pacific RR.

President—Joseph Richardson, New York, N. Y.
Vice-Pres.—Jas. R. Smith, Buffalo, N. Y.
Treasurer—C. B. Gaskell, Niagara Falls, N. Y.
Secretary—C. M. Howe, Buffalo, N. Y.
Gen. Manager—J. E. McIntire, Buffalo, N. Y.

90 Buffalo, Rochester and Pittsburgh Ry.

President—Arthur G. Yates, Rochester, N. Y.
V.-Pres. & Pur. Agt.—W. A. Baldwin, Rochester, N. Y.
Sec. & Asst. Treas.—John H. Hocart, New York, N. Y.
Aud. & Treasurer—J. F. Dinkey, Rochester, N. Y.
Gen. Supt.—Geo. W. Bartlett, Bradford, Pa.
G. P. & F. A.—J. P. Thompson, Rochester, N. Y.
Chief Eng.—William E. Hoyt, Rochester, N. Y.
Eng. Main. of Way—C. M. Cook, Bradford, Pa.
Asst. Chief Eng.—W. F. Jordan, Rochester, N. Y.
R. Mast. R. Div.—J. McGarvey, Rochester, N. Y.
R. Mast. B. Div.—Henry Ware, Springfield, N. Y.
R. Mast. P. Div.—P. Callor, Punxsutawny, Pa.
Tr. Mst. R. Div.—Thos. H. Kirk, Rochester, N. Y.
Tr. Mst. B. Div.—E. D. Wells, Buffalo, N. Y.
T. M. P. Div.—E. Kahoe, Bradford, Pa.
S. M. P. & M.—A. Dolbeer, Rochester, N. Y.
Mast. Car Bldr.—Geo. C. Payne, Buffalo, N. Y.

91 Burlington, Cedar Rapids & Northern Ry.

Pres. & Gen. Supt.—C. J. Ives, Cedar Rapids, Ia.
V.-Pres. & Supt.—R. Williams, Cedar Rapids, Ia.
Treasurer—H. H. Hollister, New York, N. Y.
Sec. & As. Tre.—S. S. Dorwart, Cedar Rapids, Ia.
A. Sup. & G. A.—W. P. Brady, Cedar Rapids, Ia.
A. S. Pac. Div.—Geo. A. Goodell, Estherville, Ia.
G. P. & T. Agt.—J. E. Hannegan, Cedar Rapids, Ia.
Gen. Ft. Agent—C. D. Ives, Cedar Rapids, Ia.
Gen. Solicitor—S. K. Tracy, Burlington, Ia.
Chief Engineer—H. F. White, Cedar Rapids, Ia.
Asst. Chief Eng.—F. A. Macdonald, Cedar Rapids, Ia.
Div. Engineers. } J. M. Brown, Estherville, Ia. / P. G. Herner, Estherville, Ia.
Auditor—J. C. Brocksmit, Cedar Rapids, Ia.
Freight Auditor—W. F. Brocksmit, Cedar Rapids, Ia.

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91 Burlington, Cedar Rapids & Northern Ry.—*Continued.*

Trav. Aud.—A. R. Foote, Cedar Rapids, Ia.
Asst. Trav. Aud.—T. B. McRae, Cedar Rapids, Ia.
Paym. & Pur. Agt.—T. Stickney, Cedar Rapids, Ia.
Car Account't—G. S. Russell, Cedar Rapids, Ia.
Mast. Mechanic—R. W. Bushnell, Cedar Rapids, Ia.
As. Gen. Fgt. A.—T. H. Simmons, Cedar Rapids, Ia.
S. T. & Tu. D.—W. P. Ward, Cedar Rapids, Ia.
Mast. Builder—J. L. Hardwick, Cedar Rapids, Ia.

92 Burlington and Northwestern Ry., and Burlington and Western RR.

OFFICERS OF BOTH COMPANIES.

President—T. W. Barhydt, Burlington, Ia.
V.-P. B. & W.—C. P. Squires, Burlington, Ia.
V.-P. B. & N. W.—Jno. T. Remey, Burlington, Ia.
Sec. & Treas.—R. M. Green, Burlington, Ia.
Su. G. F. & P. A.—John T. Gerry, Burlington, Ia.
Mast. Mech.—Adam Metz, Burlington, Ia.

93 Cadillac and Northeastern RR.

Pres. & G. M'gr.—W. W. Cummer, Cadillac, Mich.
V.-Pres. & Treas.—Jas. M. Barnett, G. Rapids, Mich.
Supt. & Pur. Agt.—E. W. Gerrish, Cadillac, Mich.
Gen. Pass., Fgt. & Bag. Agt. } F. H. Goodman, Cadillac, Mich.
Mast. Car Bldr.—Harry E. Wood, Cadillac, Mich.
Road Master—M. Bracken, Cadillac, Mich.

94 Cady Mills Branch Ry.

Proprietors—D. C. Davis & Sons, Cady Mills, Wis.
President—D. C. Davis, Cady Mills, Wis.
Gen. Manager—Chas. Oliver, Cady Mills, Wis.
Gen. Supt.—S. H. Davis, Cady Mills, Wis.
Mast. Mech.—D. W. Davis, Cady, Mills, Wis.
Gen. Fgt., Pass & Pur. Agt. } T. L. O'Connor, Cady Mills, Wis.

95 Cahaba Coal Mining Co.'s RR.

Pres. & Treas.—T. H. Aldrich, Blocton, Ala.
V.-Pres., Sec. & Mgr.—Cornelius Cadle, Blocton, Ala.
Gen. Supt.—P. B. Thomas, Blocton, Ala.
Chief Engineer—A. W. Haskell, Blocton, Ala.
Auditor—Jno. Grote, Blocton, Ala.

96 California and Nevada Ry.

President—J. S. Emery, Oakland, Cal.
Vice-President—Abner Doble, San Francisco, Cal.
Sec. & Treas.—E. A. Phelps, San Francisco, Cal.
Chief Eng.—C. Bendeke, Oakland, Cal.

97 California Short Line Ry.

President—John A. Groesbeck, Salt Lake City, Utah.
V.-Pres.—Allen G. Campbell, Salt Lake City, Utah.
Treasurer—W. S. McCormick, Salt Lake City, Utah.
Secretary—F. K. Morris, Salt Lake City Utah.
Chief Engineer—H. S. Kerr, Salt Lake City, Utah.

98 Camden and Atlantic RR.

President—Geo. B. Roberts, Camden, N. J.
Vice-President—Wm. J. Sewell, Camden, N. J.
Secretary—D. M. Zimmerman, Camden, N. J.
Treasurer—Wm. Taylor, Philadelphia, Pa.
Gen. Mgr.—Chas. E. Pugh, Philadelphia, Pa.
Superintendent—A. O. Dayton, Camden, N. J.
Chief Engineer—W. H. Brown, Philadelphia, Pa.
Supt. Mo. Pow.—H. S. Hayward, Jersey City, N. J.
Train Master—J. J. Burleigh, Camden, N. J.
Asst. Engineer—S. C. McComb, Camden, N. J.
Master Carp.—C. C. Williams, Camden, N. J.
Mast. Mech.—Rufus Hill, Camden, N. J.
Div. Fgt. Agt.—E. W. Coffin, Camden, N. J.
Div. Tkt. Agt.—J. S. Hackett, Philadelphia, Pa.
Real Est. Agt.—J. C. Wilson, Philadelphia, Pa.
Gen. Exp. Agt.—Robt. Stretch, Philadelphia, Pa.

99 Canada and St. Louis Ry.

Receiver—T. A. Starr, Goshen, Ind.
Pres. & Gen. Man.—J. J. Burns, Goshen, Ind.
Gen. Counsel—W. L. Stonex, Goshen, Ind.
Aud. & Gen. Frt. & Pass. Agt.—J. S. Keefe, Goshen, Ind.

100 Canada Atlantic Ry.

President—J. R. Booth, Ottawa, Ont.
Vice-President—Geo. H. Perley, Ottawa, Ont
Sec. & Treas.—A. W. Fleck, Ottawa, Ont.
Gen. Man. & Pur. A.—E. J. Chamberlin, Ottawa, Ont.
G. F. & P. A.—C. J. Smith, Ottawa, Ont.
Auditor—A. G. Peden, Ottawa, Ont.
Supt. Transportation.—M. Donaldson, Ottawa, Ont.
Chief Engineer—G. A. Mountain, Ottawa, Ont.
Road Master.—John Graham, Ottawa, Ont

101 Canadian Government Railways.

Minstr. of Rys.—Sir John A. Macdonald, Ottawa, Ont.
Dep. Min. of Rys.—T. Trudean, Ottawa, Ont.
Sec. Dept. Rys. & Canals—A.P. Bradley, Ottawa, Ont.
Gen. Mgr. & Chf. Eng. of Gov't Rys. } C. Schreiber, Ottawa, Ont.

(a) Intercolonial Ry.

Chief Supt.—David Pottinger, Moncton, N. B.
Treas. & C. Acc.—Thos. Williams, Moncton, N. B.
Gen. Tick. & Pass. Agt.—Arthur Busby, Mcton, N.B.
Gen. Fgt. Agt.—George Taylor, Moncton, N. B.
Mech. Supt.—H. A. Whitney, Moncton, N. B.
Chief Eng.—P. S. Archibald, Moncton, N. B.
Asst. Eng.—W. B. McKenzie, Moncton, N. B.
G. Storekeeper.—Thomas V. Cook, Moncton, N. B.
Traffic Aud.—J. R. Bruce, Moncton, N. B.
Sup. H. & St J. D.—J. J. Wallace, Truro, N. S.
Sup. M. & C. Dist.—James E. Price, Campbell'n, N.B.
Sup. Q. & S. F. D.—A. R. McDonald, Riviere du L'p, Que.

(b) Prince Edward Island Ry.

Sup. & Mech. Su.—J. Unsworth, Charlottetown, P.E.I.
Aud. & Treas.—W. T. Huggan, Charlottet'n, P. E. I.
Road Masters } H. Houle, J. McPherson, } Charlotteto'n, P. E. I.

102 Canadian Pacific Ry.

President—W. C. Van Horne, Montreal, Que.
Asst. President—T. G. Shaughnessy, Montreal, Que.
Secretary—Chas. Drinkwater, Montreal, Que.
Chief Solicitor—Geo. M. Clark, Montreal, Que.
Gen. Traffic Man.—George Olds, Montreal, Que.
Man. Steamship Lines & Lake Traffic. } Henry Beatty, Toronto, Ont.
Comptroller—I. G. Ogden, Montreal, Que.
Treasurer—W. Sutherland Taylor, Montreal, Que.
Land Commissioner—L. A. Hamilton, Winnipeg, Man.
Gen. Supt.—T. A. Macklnnon, Montreal, Que.
Asst. Gen. Pass. Agt.—C. E. E. Ussher, Montreal, Que.
Gen. Supt. Eastern Div. } C. W. Spencer, Montreal, Que.
Gen. Supt. Western Div.—W. Whyte, Winnipeg, Man.
Gen. Supt. Pacific Div.—Harry Abbott, Vancouver, B. C.
Gen. F'g't & Pass. Agt. West. & Pacific Div. } R. Kerr, Winnipeg, Man.
Gen. Pass. Agt. Ont., All. & East. Div. } D. McNicoll, Montreal, Que.
Asst. F'g't Traffic Man. Ont., All. & Eastern Div. } G. M. Bosworth, Toronto, Ont.
Gen. Fgt. Agt. Ont. Div.—J. N. Sutherland, Toronto, Ont.
Man. of Telegraphs—C. R. Hosmer, Montreal, Que.
Purch. Agt.—A. C. Henry, Montreal, Que.
Gen. Storekpr.—W. H. Kelson, Montreal, Que.
Master Car Builder—J. Higginson, Montreal, Que.
Supt. Sl'g, Dining & Parlor Cars. } J. A. Sheffield, Montreal, Que.
Gen. Bag. Agt.—E. S. Anderson, Montreal, Que.
Aud. Disbursement—H. L. Penny, Montreal, Que.
Aud. Fgt. & Tel. Receipts. } C. J. Flanagan, Montreal, Que.
Aud. Pass. Receipts—J. H. Shearing, Montreal, Que.

EASTERN DIVISION.

Gen. Supt.—C. W. Spencer, Montreal, Que.
District Fgt. Agt. } east of Ottawa } W. B. Bulling, Montreal, Que.
District Fgt. Agt. } Ottawa to Port Arthur, Prescott & Brockville, and Sault Ste. Marie Branch Lines. } J. A. Houston Ottawa, Ont.

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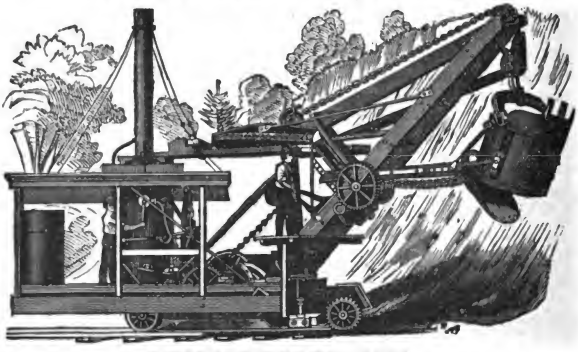

CANADIAN PACIFIC RAILWAY CO.

VANCOUVER, B. C., May 7, 1889.

Gentlemen:—We have three of your make of shovels. They **do good work in all kinds of earth.** If they are in a good pit they **load 200 cars per day;** but our cuts vary so it is a hard matter to give you a good estimate in all kinds of material. We often strike hard pan, almost as hard as rock. Also, some of our banks are 500 feet high, and the utmost care must be taken so as to avoid an avalanche. In a number of places we have to pole the earth so as to make a gradual feed for the shovel.

Yours truly, H. B. GILMOUR.

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102 Canadian Pacific Ry.—*Continued.*

Asst. Supts. H. B. Spencer, Ottawa, Ont.; B. W. Coyne, North Bay, Ont.; W. J. Singleton, Chapleau, Ont.; T. Hay, Schreiber, Ont.; W. C. Hall, Quebec, Que.

ONTARIO AND ATLANTIC DIVISION.

Ontario Section.

Gen. Supt.—T. A. Mackinnon, Montreal, Que.
Gen. Fr. Agt.—J. N. Sutherland, Toronto, Ont.
Dist. Fgt. Agt.—W. B. Bulling, Montreal, Que.
Superintendent—Thomas Tait, Toronto, Ont.
Asst. Supts. T. Williams, Toronto, Ont.; J. W. Leonard, Toronto, Ont.
Division Mast. Mech.—D. Preston, Parkdale, Ont.

Atlantic Section.

Asst. Supts. T. A. Mackinnon, Montreal, Que.; F. P. Brady, Farnham, Que.; J. H. Van Zile, Brownville, Me.
Asst. Mast. Mech.—G. S. Mackinnon, Farnham, Que.

WESTERN DIVISION.

Gen. Supt.—W. Whyte, Winnipeg, Man.
Asst. Supts. H. P. Timmerman, Port Arthur, Ont.; J. Murray, Winnipeg, Man.; J. A. Cameron, Moose Jaw, N. W. T.; J. Niblock, Medicine Hat, N. W. T.
Gen. Fgt. & Pass. Agt.—Robert Kerr, Winnipeg, Man.
Master Mech.—W. Cross, Winnipeg, Man.

PACIFIC DIVISION.

Gen. Supt.—Harry Abbott, Vancouver, B. C.
Superintendent—R. Marpole, Donald, B. C.
Asst. Supt.—W. Downie, Vancouver, B. C.
Gen. Fgt. & Pass. Agt.—Robt. Kerr, Winnipeg, Man.
Asst. Fgt. & Pass. Agt.—D. E. Brown, Victoria, B. C.
Mast. Mech.—L. R. Johnson, Vancouver, B. C.

103 Cape Fear and Yadkin Valley Ry.

President—Julius A. Gray, Greensboro, N. C.
Sec. & Transf. Agt.—John M. Rose, Fayetteville, N. C.
Treasurer—J. R. Williams, Fayetteville, N. C.
Gen. Mgr. & Purch. Agt.—J. W. Fry, Greensboro, N. C.
Gen. Frt. & Pass. Agt.—W. E. Kyle, Fayetteville, N. C.
Chief Engineer—H. L. Fry, Greensboro, N. C.
Attorney—George M. Rose, Fayetteville, N. C.
Auditor—R. W. Bidgood, Fayetteville, N. C.
Master Mech.—I. W. Clark, Fayetteville, N. C.
Mast. of Car Rep.—R. H. Ledbetter, Fayetteville, N. C.
Mast. of Trains.—J. C. Murchison, Greensboro, N. C.
Supt. of Bridges—N. L. Hall, Summerfield, N. C.
Supervisors. F. P. Stewart, Jonesboro, N. C.; R. D. Knight, Germanton, N. C.; Jno. M. Wright, Fayetteville, N. C.

104 Cape Girardeau Southwestern Ry.

Pres. & Gen. Man.—Louis Houck, C. Girardeau, Mo.
Vice-President—D. S. Brown, St. Louis, Mo.
Treasurer—Leon J. Albert, C. Girardeau, Mo.
Sec. & Auditor—Will H. Wheeler, C. Girardeau, Mo.
Chief Engineer—Jas. F. Brooks, C. Girardeau, Mo.
Supt. & Gen. Fgt. & Pass. Agt. E. F. Blomeyer, C. Girardeau, Mo.
Attorney—R. H. Whitelaw, C. Girardeau, Mo.
Traffic Mgr.—Robert Bell, St. Louis, Mo.
Master Mech.—F. Glover, C. Girardeau, Mo.
Road Master—A. W. Fletcher, C. Girardeau, Mo.
Trav. Pass. Agt.—A. R. Meyers, C. Girardeau, Mo.
Master Car Bldr.—R. H. Smith, Cape Girardeau, Mo.

105 Cape May and Sewells Point RR.

Pres. & Gen. Mgr.—F. F. Hogate, Camden, N. J.
Treasurer—Peter W. Wiltbank, Camden, N. J.
Secretary—C. W. Matthews, Camden, N. J.

106 Caraquet Ry.

Pres. & G. Man.—K. F. Burns, Bathurst, N. B.
General Supt.—W. H. Chisholm, Bathurst, N. B.
Secretary—John Sivewright, Bathurst, N. B.
Master Mech.—John Rennie, Bathurst, N. B.

106 Caraquet Ry.—*Continued.*

Aud., Gen. Fgt. & Pass. Agent A. J. H. Stewart, Bathurst, N. B.
Chief Engineer—William Mann, Bathurst, N. B.
Purch. Agt.—T. M. Burns, Bathurst, N. B.
Road Master—P. H. Melvin, Bathurst, N. B.

107 Carillon and Greenville RR.

President—G. W. Simpson, Montreal, Que.
Vice-Prest.—H. W. Shepherd, Montreal, Que.
Gen. Mgr. Sec. & Treas.—R. W. Shepherd, Jr., Mon., Q.
General Supt.—John McGowan, Carillon, Que.
Chf. Engineer—John Halsey, Carillon, Que.
Supt. of Teleg.—S. Boyer, Carillon, Que.
Mast. Car B'r.—A. Boileau, Carillon, Que.
Road Master—A. Desjardins, Carillon, Que.

108 Carolina, Cumberland Gap and Chicago.

(*Projected Line;* Aiken, S. C., to Asheville, N. C., 150 miles; completed, Aiken to Edgefield, S. C., 25 miles; under survey to Asheville, 125 miles.)

President—Austin Gallagher, New York, N. Y.
Gen. Manager—Geo. Potts, Aiken, S. C.
Vice-Pres.—Geo. C. Evans, New York, N. Y.
Treasurer—Geo. A. Evans, New York, N. Y.
Secretary—Wilbur F. Herbert, Jr., New York, N. Y.

109 Carolina, Knoxville and Western RR.

(*Projected Line;* Augusta, Ga., *via* Greenville, S. C., to Knoxville, Tenn., 269 miles; completed, Greenville, S. C., northwest, 14 miles; graded, Greenville, S. C., to Augusta, Ga., 115 miles; under construction, end of track to Knoxville, Tenn., 140 miles.)

Receivers Chas. Z. McCord, Augusta, Ga.; James T. Williams, Greenville, S. C.
President—J. B. Humbert, Princeton, S. C.
Vice-Pres.—Samuel McKinney, Knoxville, Tenn.
Sec. & Treas.—A. B. Byrd, Greenville, S. C.

110 Carthage and Adirondack Ry.

President—E. K. Sibley, New York, N. Y.
Treas. & Sec.—Andrew Spotts, New York, N. Y.
Supt., Chief Eng. & Gen. Fgt. & Pass. A. G. F. Huggans, Carthage, N. Y.
Auditor—W. S. Allen, Carthage, N. Y.

111 Catasauqua and Fogelsville RR.

President—George T. Barnes, Philadelphia, Pa.
Vice-President—Wm. S. Pilling, Philadelphia, Pa.
Sec., Treas. & Gen. Tkt. Agt. John Williams, Catasauqua, Pa.
Gen. Supt. & Ch. Eng.—C. W. Chapman, Catasauqua, Pa.
Aud. & Gen. Fgt. Agt.—R. E. Williams, Catasauqua, Pa.
Road Master.—T. Fenstermaker, Catasauqua, Pa.
Mast. of Mach.—John Thomas, Hokendauqua, Pa.

112 Catskill Mountain RR.

President—A. Van Santvoord, New York, N. Y.
Vice-President—C. L. Beach, Catskill, N. Y.
Treasurer—Orrin Day, Catskill, N. Y.
Sec., Gen. Supt., Purch. & Transf. Agt. & Aud. Charles A. Beach, Catskill, N. Y.
Mas. Mech. & R'dmas.—John L. Driscoll, Catskill, N. Y.

113 Cedar Rapids and Marion Ry.

President—W. J. Greene, Cedar Rapids, Ia.
Vice-President—A. J. McKean, Marion, Ia.
Secretary—C. G. Greene, Cedar Rapids, Ia.
Treasurer—G. Greene, Cedar Rapids, Ia.
Supt. & Pur. Agt.—William Elsom, Cedar Rapids, Ia.
Attorneys—F. C. Hormel, Cedar Rapids, Ia.

114 Central Arizona Railway.

President—F. E. Hinckley, Chicago, Ill.
V.-Pres. & Gen. Man.—D. M. Riordan, Flagstaff, A. T.
Treas. & Aud.—F. W. Sisson, Flagstaff, A. T.
Secretary—M. J. Riordan, Flagstaff, A. T.
Superintendent—T. A. Riordan, Flagstaff, A. T.
Gen. Fgt. Agt.—A. M. Hinckley, Flagstaff, A. T.
Chief Engineer—Woodbury Howe, Flagstaff, A. T.

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115 Centralia and Chester RR.

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Vice-President—C. E. Smith, New York, N. Y.
Secretary—S. L. Dwight, Centralia, Ill.
Treas. & G. M.—J. M. McCutcheon, Monmouth, Ill.
Gen. Pass. & Fgt. Agt.—Geo. H. Borneman, Sparta, Ill.
Auditor—R. H. Rosbrough, Sparta, Ill.
Supt. of Con.—H. W. Schmidt, Red Bud, Ill.

116 Central Michigan RR.

President—J. W. Boynton, Grand Rapids, Mich.
Vice-President—R. B. Loomis, Grand Rapids, Mich.
Sec. & Treas.—P. H. Brown, Grand Rapids, Mich.
Chief Engineer—J. H. Roberts, Grand Rapids, Mich.

117 Central New England & Western RR.

President—John S. Wilson, New York, N. Y.
Vice-Pres.—Arthur Brock, Philadelphia, Pa.
Treasurer—Arthur E. Newbold, Philadelphia, Pa.
Sec. & Asst. Treas.—W. R. Carlile, New York, N. Y.
Cashier—John G. Mills, New York, N. Y.
Gen. Supt.—S. P. Opdyke, Jr., Hartford, Ct.
Chief Eng.—P. P. Dickinson, New York, N. Y.
Asst. Chief Eng.—J. C. Patterson, Poughkeepsie, N. Y.
Superintendent—G. C. Thayer, Poughkeepsie, N. Y.
Gen. Fgt. & Pass. Agt.—N. R. Turner, P'ghk'ps'e, N. Y.
Auditor—H. W. Watson, Hartford, Ct.
Purch. Agt.—W. J. Cromwell, New York, N. Y.

118 Central Ontario Ry.

President—S. J. Ritchie, Akron, O.
Vice-President—James McLaren, Buckingham, Que.
Sec., Treas. & Supt.—Robert Fraser, Trenton, Ont.
General Manager—H. P. McIntosh, Cleveland, O.
Gen. Fgt. Agt.—Geo. Collins, Trenton, Ont.
Purch. Agt.—Geo. J. Chodd, Trenton, Ont.
Chief Engineer—J. D. Evans, Trenton, Ont.
Master Mech.—James Falconer, Trenton, Ont.
Road Master—G. Marshall, Trenton, Ont.

119 Central RR. of Georgia System.

President—E. P. Alexander, Savannah, Ga.
Vice-President—John C. Calhoun, New York, N. Y.
Gen. Manager—Cecil Gabbet, Savannah, Ga.
Traffic Mgr.—W. F. Shellman, Savannah, Ga.
Comptroller—Edward McIntyre, Savannah, Ga.
Asst. Comptroller—E. F. Cunningham, Savannah, Ga.
Treasurer—Central Railroad Bank, Savannah, Ga.
Gen. Fgt. Agt.—G. A. Whitehead, Savannah, Ga.
Gen. Pass. Agt.—E. T. Charlton, Savannah, Ga.
Aud. Disbursements—F. H. Thomson, Savannah, Ga.
Aud. Receipts—Milo S. Freeman, Savannah, Ga.
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C. Eng. of Main. of Way—Wm. Hunter, Savannah, Ga.
Paymaster—John G. Robertson, Savannah, Ga.
Purch. Agent—J. C. Haskell, Savannah, Ga.
Car Accountant—Theo. Wells, Savannah, Ga.
Supt. Main Stem Div.—H. B. Dill, Savannah, Ga.
Supt. Southwestern Div.—J. C. McKenzie, Macon, Ga.
Supt. Sav. & West. Div.—D. D. Curran, Columbus, Ga.
Supt. S. Carolina Div.—J. H. Averill, Augusta, Ga.
Div. Mast. Machinists { F. H. McGhee, Savannah, Ga. / C. F. Thomas, Macon, Ga. / T. F. Warwick, Augusta, Ga. / J. L. Whitsitt, Columbus, Ga.
Master Car Br.—S. A. Charpiot, Macon, Ga.
Supt. Mot. Pow.—T. L. Chapman, Savannah, Ga.
Foreman Car Shops—R. H. Bachlott, Savannah, Ga.

120 Central Ry. of New Brunswick.

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Vice-President—F. E. Barker, St. John, N. B.
Secretary—W. T. Whitehead, Fredericton, N. B.
Treas., Gen. Mgr. & Chf. Eng. { T. M. Williamson, Chipman, N. B.
Solicitor—Hon. A. G. Blair, Fredericton, N. B.

121 Central RR. of New Jersey.

President—J. R. Maxwell, New York, N. Y.
Vice-President—Joseph S. Harris, New York, N. Y.
Controller—S. M. Williams, New York, N. Y.
Treasurer—J. W. Watson, New York, N. Y.
Secretary—Samuel Knox, New York, N. Y.
Counsel—B. Williamson, New York, N. Y.
Counsel—R. W. de Forest, New York, N. Y.
General Supt.—J. H. Olhausen, Jersey City, N. J.

121 Central RR. of New Jersey.—*Continued.*

Gen. Fgt. Agt.—P. H. Wyckoff, New York, N. Y.
Gen. Pass. Agt.—H. P. Baldwin, New York, N. Y.
Purch. Agt.—G. De Witt Smith, New York, N. Y.
Supt. Telegraph—R. Stewart, Jersey City, N. J.

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Supt. N. J. Div.—W. V. Clark, Long Branch, N. J.
Supt. Penna. Div.—G. W. Twining, M'ch Chunk, Pa.
Eng. Construction—J. H. Thompson, Jersey City, N. J.
Fgt. Agt. Penna. Div.—T. B. Koons, M'ch Chunk, Pa.
Fgt. Agt. N. J., So. Div.—W. F. True, L'g Branch, N. J.

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Aud. Pass. Traffic—George Wolf, New York, N. Y.
Aud. Fgt. Traffic—G. H. Sanborn, New York, N. Y.
Asst. Aud. Fgt. Traffic—W. E. Miner, New York, N. Y.
Coal Traf. Acct.—M. A. Koons, Manch Chunk, Pa.
Real Est. Agent.—H. W. Donty, New York, N. Y.
Gen. Car Agt.—F. E. Higbie, Jersey City, N. J.

122 Central Texas and Northwestern RR.

President—Chas. Dillingham, Houston, Tex.
Vice-Pres.—H. Helland, Waxahachie, Tex.
Sec. & Treas.—L. W. Wheeless, Waxahachie, Tex.

123 Central Union Depot and Ry. Co. of Cincinnati.

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Vice-Pres. & Gen. Mgr.—E. F. Osborn, Cincinnati, O.
Secretary—J. C. Davie, Cincinnati, O.
Treasurer—F. H. Lovett, Cincinnati, O.
Superintendent—Jacob Heglin, Cincinnati, O.

124 Central Vermont RR.

President—J. Gregory Smith, St. Albans, Vt.
1st Vice-President—Jas. R. Langdon, Montpelier, Vt.
2d Vice-President—E. C. Smith, St. Albans, Vt.
Treasurer—D. D. Ranlett, St. Albans, Vt.
Clerk—Geo. T. Childs, St. Albans, Vt.
Gen. Manager—J. W. Hobart, St. Albans, Vt.
Gen. Supt.—J. M. Foss, St. Albans, Vt.
Gen. Pass. Agt.—S. W. Cummings, St. Albans, Vt.
Gen. Auditor—E. G. Lucas, St. Albans, Vt.
Gen. Man. Tkr. Fgt. Traf.—J. Forteous, Boston, Mass.
Supt. No. Div.—I. B. Fatvoye, St. John's, P. Q.
Supt. Rut. Div.—J. Burdett, Rutland, Vt.
Supt. N. L. Div.—C. F. Spaulding, New London, Ct.
Supt. Brat. Div.—E. F. Brooks, Brattleboro', Vt.
Supt. Miss. Val. Div.—T. M. Deal, St. Albans, Vt.
Supt. Ogd. Div.—F. W. Baldwin, Ogdensburg, N. Y.
Supt. Mot. Pow. & Mach. { Wm. J. Robertson, St. Albans, Vt.
Supt. Local Frt.—E. A. Chittenden, St. Albans, Vt.
Ass't Supt. Local. Fgt.—Geo. Cassidy, St. Albans, Vt.
Supt. Teleg. & Gen. Car Agt. { M. Magiff, St. Albans, Vt.
Supt. Build'gs.—L. J. Swett, St. Albans, Vt.
Supt. Bridges—C. H. Clark, St. Albans, Vt.
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Gen. Bag. Agt.—H. Brainerd, St. Albans Vt.
Freight Agent.—F. H. Brown, Montreal, Que.
Wood Agent—N. F. Clark, St. Albans, Vt.
Coal Agent—W. B. Hatch, St. Albans, Vt.
Mast. Car Painter—C. A. French, St. Albans, Vt.
Mast. Car Bldr.—H. Canham, St. Albans, Vt.
Mast. Mech. Rud. Div.—N. L. Davis, Rutland, Vt.
Mast. M. Brat. Div.—H. M. Whittier, Brattleboro', Vt.
M. Mech. No. Div.—E. Graves, Waterloo, P. Q.
M. M., N. L. Div.—I. W. Dow, New London, Ct.
Div. M. Mech.—Geo. W. Kenney, White Riv. Jc., Vt.

125 Centreville, Moravia and Albia.

Receiver—Thomas Thatcher, Keokuk, Ia.

126 Chagrin Falls and Southern RR.

President—O. F. Frazer, Chagrin Falls, O.
Vice-President—John S. Bullard, Chagrin Falls, O.
Treasurer—J. N. Wardwell, Cleveland, O.
Sec. & Gen. Supt.—Geo. March, Chagrin Falls, O.
Gen. Man.—W. Hutchings, Chagrin Falls, O.

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127 Charleston and Savannah Ry.

President—H. B. Plant, New York, N. Y.
Vice-President—W. S. Chisholm, Savannah, Ga.
Secretary—R. B. Smith, New York, N. Y.
Treasurer—J. Moultrie Lee, Savannah, Ga.
Gen. Manager—H. S. Haines, Savannah, Ga.
Superintendent—C. S. Gadsden, Charleston, S. C.
G. F. & P. A. & A.—E. P. McSwiney, Charleston, S. C.
Chief Engineer—W. B. W. Howe, Jr., Savannah, Ga.
M. M. & Car Bldr.—H. A. Ulmo, Savannah, Ga.
M. Tran. & R. M.—J. W. Craig, Charleston, S. C.

128 Charleston, Cincinnati & Chicago RR.

President—Frank Coxe, Philadelphia, Pa.
Vice-President—G. W. Bentley, New York, N. Y.
Sec. & Treas.—H. K. Baker, New York, N. Y.
Asst. Treas.—W. G. McIntyre, New York, N. Y.
Gen. Manager—R. A. Johnson, New York, N. Y.
Comptroller—John J. Collier, New York, N. Y.
Supt. & Traffic Mgr.—John F. Jones, Blacksburg, S. C.
Auditor F. & P. } M. M. Freeman, Blacksburg, S. C.
Rects. & Cashier. }
Car Accountant—H. V. O'Rourke, Charleston, S. C.
Trav. Pass. Agt.—W. H. Harrison, Jr., Chicago, Ill.

129 Charleston, Sumter and Northern RR.

President—John S. Silver, New York, N. Y.
Vice-President—John Harlin, New York, N. Y.
Treasurer—A. Ames Howlett, Syracuse, N. Y.
Sec. & Asst. Treas.—O. M. Chace, New York, N. Y.
Auditor—Chas. L. Martin, Vances, S. C.
Gen. Manager—I. W. Fowler, Vances, S. C.
Gen. Fgt. Agt.—S. B. Pickens, Charleston, S. C.
Road Master—R. M. Wood, Sumter, S. C.

130 Chateaugay RR.

President—Smith M. Weed, Plattsburgh, N. Y.
Secretary—H. M. Olmsted, New York, N. Y.
Treasurer—A. Williams, Plattsburgh, N. Y.
Gen. Man. & Purch. Agt.—A. L. Inman, Plattsburgh, N. Y.
Master Mech.—J. M. Davies, Lyon Mountain, N. Y.
S. & M. of Tr.—M. L. French, Plattsburgh, N. Y.
Chief Eng.—E. Hall, Lyon Mountain, N. Y.
Road Master & } A. C. Kinney, Plattsburgh, N. Y.
Supt. Bridges }
Auditor—T. Olyphant, New York, N. Y.

131 Chatham Ry.

Pres. & Purch. Agt.—J. B. Snowball, Chatham, N. B.
Secretary—Alexander Lelshman, Chatham, N. B.
Accountant—W. B. Snowball, Chatham, N. B.
Gen. Fgt. & Pass. Agt.—A. W. Watters, Chatham, N. B.
Gen. Supt. & Mast. Mech.—A. Alcorn, Chatham, N. B.
Road Master—John Hawks, Chatham, N. B.

132 Chattanooga & Lookout Mountain Ry.

President—E. Watkins, Chattanooga, Tenn.
Vice-President—H. Whiteside, Chattanooga, Tenn.
Secretary—Gordon Lee, Chattanooga, Tenn.
Treasurer—W. O. Peeples, Chattanooga, Tenn.
Gen. Supt.—H. P. Eagar, Chattanooga, Tenn.
Chief Eng.—J. A. Gillespie, Chattanooga, Tenn.
Gen. Frt. Agt.—J. L. Whiteside, Chattanooga, Tenn.
Mast. Car Bldr.—I. W. Balcom, Chattanooga, Tenn.

133 Chattanooga, Rome and Columbus RR.

President—J. D. Williamson, Rome, Ga.
Gen. Manager—J. R. Shaler, Rome, Ga.
Gen. Fgt. & Pass. Agt.—A. N. Sloane, Chatt'nooga, Tenn.
Asst. G. Fgt. & Pass. Agt.—A. McCollister, Rome, Ga.
Secretary—R. T. Fouche, Rome, Ga.
Auditor—W. B. Starke, Rome, Ga.
Treasurer—J. H. Rhodes, Rome, Ga.
Master Mech.—B. J. Sitton, Chattanooga, Tenn.
Purch. Agt.—G. T. Ettinger, New York, N. Y.

134 Chattanooga Southern.

(*Projected line:* Chattanooga, Tenn., to Anniston, Ala.; track laid, Chattanooga to Georgia State-line, 3 miles; under construction, State line to Eagle Cliff, 5 miles; under survey, Eagle Cliff to Alpine, Ga., 20 miles.)

Pres. & Gen. Mgr.—J. W. James, Chattanooga, Tenn.
Chief Engineer—E. S. Wittman, Chattanooga, Tenn.

135 Chattanooga Union Ry.

President—C. E. James, Chattanooga, Tenn.
1st Vice-Pres.—John A. Hart, Chattanooga, Tenn.
2d Vice-Pres.—John W. James, Chattanooga, Tenn.
Secretary—W. E. Baskette, Chattanooga, Tenn.
Treasurer—Franklin Harris, Chattanooga, Tenn.
Gen. Supt.—R. H. Bowen, Chattanooga, Tenn.
Chief Eng.—E. F. Wittman, Chattanooga, Tenn.
Mast. of Mach. } H. T. Ellison, Chattanooga, Tenn.
& Car Rep. }
Road Mast. & } Smith M. Phillips, Chattanooga, Tenn.
Supt. of Br. }
Auditor—Geo. B. Sparks, Chattanooga, Tenn.

136 Chattaroi Ry.

(NOW OHIO AND BIG SANDY RR.)

137 Chautauqua Lake Ry.

President—Arthur O. Granger, Philadelphia, Pa.
Vice-President—Jos. M. Gazzam, Philadelphia, Pa.
Treasurer—Geo. H. Burt, Boston, Mass.
Secretary—Daniel H. Post, Jamestown, N. Y.
Gen. Supt.—W. E. Griggs, Jamestown, N. Y.
Aud. & Asst. Treas.—F. Bristow, Jamestown, N. Y.

138 Cherry Valley RR.

Pres. & Supt.—E. T. Herndon, Midland, Mo.
Sec. & Treas.—T. T. Lewis, St. Louis, Mo.

139 Chesapeake and Nashville RR.

President—E. Zimmerman, Cincinnati, O.
Vice-President—R. T. Colburn, New York, N. Y.
Secretary—Harvey M. Hoyt, New York, N. Y.
Treasurer—I. E. Gates, New York, N. Y.
Superintendent—Robert Meek, Gallatin, Tenn.
Gen. Fgt. & Pass. } H. K. Preston, Gallatin, Tenn.
Agt. & Aud. }
Chief Eng.—H. Sawyers, Gallatin, Tenn.

140 Chesapeake and Ohio Ry.

President—M. E. Ingalls, Cincinnati, O.
Asst. to the Pres.—D. Axtell, Richmond, Va.
Vice-President—Geo. T. Bliss, New York, N. Y.
Treasurer—T. O. Barbour, Richmond, Va.
Secretary—C. E. Wellford, Richmond, Va.
Asst. Sec.—J. P. Curtis, New York, N. Y.
Auditor—L. F. Sullivan, Richmond, Va.
Gen. Solicitor—H. T. Wickham, Richmond, Va
Asst. Solicitor—Henry Taylor, Jr., Richmond, Va.
Traffic Man.—O. G. Murray, Cincinnati, O.
Fgt. Traffic Man.—W. P. Walker, Jr., Cincinnati, O.
Gen. Pass. Agent—H. W. Fuller, Cincinnati, O.
Div. Pass. Agt.—John D. Potts, Richmond, Va.
Gen. Bag. Agt.—C. Lorraine, Richmond, Va.
Gen. Fgt. Agt.—E. D. Hotchkiss, Cincinnati, O.
Purch. Agt.—George Tozzer, Cincinnati, O.
Coal & Fuel Agt.—T. W. Hopkins, Richmond, Va.
Supt. of Telegraph—M. B. Leonard, Richmond, Va.
Gen. Supt.—G. W. Stevens, Richmond, Va.
Superintendent—H. Frazier, Huntington, W. Va.
Asst. Supt.—J. A. McGill, Hinton, W. Va.
Asst. Supt.—W. J. McKee, Cincinnati, O.
Supt. of Mot. Pow.—Wm. Garstang, Richmond, Va.
Div. Mast. Mechs. { W. J. Haller, Richmond, Va.
F. A. Given, Richmond, Va.
Wm. Hassman, Huntington, W. Va.
Chief Eng.—L. B. Jackson, Cincinnati, O.
Transfer Agts.—Drexel, Morgan & Co., New York City.

141 Cheshire RR.

President—Wm. A. Russell, Boston, Mass.
Vice-President—E. C. Thayer, Keene, N. H.
Gen. Man., Sec. & Supt.—R. Stewart, Keene, N. H.
Treas. & G. Tk. Agt.—F. H. Kingsbury, Keene, N.H.
Gen. Fgt. Agt.—J. W. Dodge, Keene, N. H.
Purch. Agent—H. H. Stone, Keene, N. H.
Mast. Mech. & M. Car Bldr.—F. A. Perry, Keene, N.H.
Lost Bag. Agt.—G. A. Brown, Keene, N. H.
Road Master—R. Hyland, Keene, N. H.
Mast. Car Painter—G. D. Dort, Keene, N. H.

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Gen. Manager—C. H. Chappell, Chicago, Ill.
Gen. Mgr's Ass't—J. H. Wood, Chicago, Ill.
Gen. Pas. & Tkt. Agt.—J. Charlton, Chicago, Ill.
Ass't Pas. & Tkt. Agt.—G. J. Charlton, Chicago, Ill.
Gen. Fgt. Agt.—H. H. Courtright, Chicago, Ill.
Ass't Gen. Fgt. Agt.—A. Newman, Chicago, Ill.
Ass't Gen. Fgt. Agt.—S. H. Fulton, Kansas City, Mo.
Ass't Gen. Fgt. Agt.—H. A. Wann, St. Louis, Mo.
Gen. Bag. Agt.—C. Huntington, Chicago, Ill.
Chief Eng.—K. F. Booth, Chicago, Ill.
Auditor—Chauncey Kelsey, Chicago, Ill.
Trav. Auditor—W. H. Doty, Chicago, Ill.
Purch. Agt.—A. V. Hartwell, Chicago, Ill.
Supt. Trans.—T. M. Bates, Bloomington, Ill.
Train Master—R. L. Evans, Chicago, Ill.
Supt. of Teleg.—H. V. Miller, Bloomington, Ill.
Supt. Mach'y—A. W. Quackenbush, Bloomington, Ill.
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Storekeeper—E. O. Cleveland, Bloomington, Ill.
Gen. Solicitor—C. Beckwith, Chicago, Ill.
Fuel & Tie Agt.—J. S. Conger, Chicago, Ill.
Gen. Foreman Loc. Dept.—G. Gregg, Bloomington, Ill.
Gen. Foreman Car Dpt.—J. Townsend, Bloom'gt'n, Ill.
Foreman Car Painter—J. G. Kell, Bloomington, Ill.
Gen. Road Master—William Riley, Bloomington, Ill.
Supt. of Bridges—J. E. Gray, Bloomington, Ill.

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Ass't Supt.—H. F. Hawley, Bloomington, Ill.
Asst. Engineer—H. C. Draper, Chicago, Ill.

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Ass't Supt.—E. J. Sanford, Slater, Mo.
Div. Engineer—T. H. Hubbard, Louisiana, Mo.
Master Mech.—E. J. Whitington, Slater, Mo.

143 Chicago and Atlantic Ry.

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Gen. Counsel—Baker & Daniels, Indianapolis, Ind.
Gen. Pass. & Bag. Agt.—F. C. Donald, Chicago, Ill.
Gen. Fgt. Agt.—H. C. Cochrane, Chicago, Ill.
Chief Engineer—Charles Levings, Chicago, Ill.
Auditor—J. D. Kershaw, Chicago, Ill.
Attorney—J. A. Henry, Chicago, Ill.
Superintendent—C. L. Mayne, Huntington, Ind.
Master Mech.—J. H. Berry, Huntington, Ind.
Car Accountant—F. A. Balme, Huntington, Ind.

President—James H. Benedict, New York, N. Y.
Vice-President—Geo. J. Bippus, Huntington, Ind.
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144 Chicago and Eastern Illinois RR. Co., and operating Chicago and Indiana Coal Ry.

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Gen. Solicitor—W. H. Lyford, Chicago, Ill.
Gen. Traffic Man.—G. J. Grammer, Evansville, Ind.
Gen. Fgt. Agt.—F. V. Davis, Chicago, Ill.
Asst. Gen. Fgt. Agt.—H. E. Felton, Chicago, Ill.
Gen. Pass. & Tkt. Agt.—William Hill, Chicago, Ill.
Cashier & Paymaster—A. S. Cullum, Chicago, Ill.
Asst. Cashier—G. W. Baker, Chicago, Ill.
Purch. Agt.—Robert Spencer, Chicago, Ill.
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Chief Eng. & Supt. Maint.—H. F. Baldwin, Chicago, Ill.
Supt. Transportation—W. S. Page, Danville, Ill.
Car Accountant—W. B. Gibson, Chicago, Ill.
Supt. Bridges & Bldgs.—A. S. Markley, Danville, Ill.
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Foreman Loc. Rep.—H. B. Strong, Danville, Ill.
Mast. Car Builder—J. R. Lawrence, Danville, Ill.
Foreman Car Painter—F. W. Foat, Danville, Ill.

145 Chicago and Northwestern Ry.

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Gen. Supt.—Sherburne Sanborn, Chicago, Ill.
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Consulting Engineer—E. H. Johnson, Chicago, Ill.
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Gen. Attorney—Wm. B. Keep, Chicago, Ill.
Gen. Fgt. Agt.—H. R. McCullough, Chicago, Ill.
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2d Ass't Gen. Fgt. Agt.—B. Johnson, Chicago, Ill.
Ass't Gen. Fgt. Agt.—E. J. Foster, Winona, Minn
Div. Fgt. Agt.—M. Hughitt, Jr., Chicago, Ill.
Div. Fgt. Agt.—Edmund D. Brigham, Chicago, Ill.
Gen. Tkt. & Pass. Agt.—Wm. A. Thrall, Chicago, Ill.
Ass't Gen. Pass. Agt.—W. B. Kniskern, Chicago, Ill.
Ass't Gen. Tkt. Agt.—John S. Barrow, Chicago, Ill.
Purch. Agt.—Chas. Hayward, Chicago, Ill.
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Ass't Land Com'r—J. F. Cleveland, Chicago, Ill.
Tax Comm'r—F. P. Crandon, Chicago, Ill.
Supt. Mot. Pow. & Mach.—G. W. Tilton, Chicago, Ill.
Ass't Supt. Mot. Pow. & Mach.—W. Smith, Chicago, Ill.
Gen. Claim Agt.—R. C. Richards, Chicago, Ill.
Supt. Teleg.—Geo. H. Thayer. Chicago Ill.
Gen. Storek'per—Francis H. Adams, Chicago, Ill.
Supt. Car Dept.—Charles A. Schroyer, Chicago, Ill.
Ass't Gen. Supt.—Peter Hallenbeck, Winona, Minn.
Ass't Supt.—James Wallace, Jr., Chicago, Ill.
Gen. Bag. Agt.—N. A. Phillips, Chicago, Ill.
Gen. Car Acc't—Frank M. Luce, Chicago, Ill.
Freight Aud.—Jas. O. Clifford, Chicago, Ill.
Ass't Fgt. Aud.—Almeron D. Oyer, Chicago, Ill.
Ticket Auditor—Wm. F. Van Bergen, Chicago, Ill.
Ass't Tkt. Aud.—Henry W. McFarlane, Chicago, Ill.
Pris. Ass't Eng.—Edward C. Carter, Chicago, Ill.
Supt. Din. & Par. Cars—J. B. Heckman, Chicago, Ill.

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Assistant Engineer of Bridges—W. L. Stebbings.

Bridge Inspector—H. W. Fletcher, Chicago, Ill.

146 Chicago and Ohio River RR.

President—Albert L. Parlin, Boston, Mass.
Vice-Pres.—Austin Corbin, New York, N. Y.
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Sec. & Treas.—E. R. Reynolds, New York, N. Y.
Aud. & Cash.—I. L. Hamar, Kansas, Ill.
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Mast. Mech. & Train Mast.—Wm. A. Bell, Kansas, Ill.
Gen. Road Mast. & Supt. of Bridges. } W. G. Diddle, Kansas, Ill.

147 Chicago and Western Indiana RR. and Belt Railway of Chicago.

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Vice-Pres. & Gen. Man.—B. Thomas, Chicago, Ill.
Sec. & Auditor—M. J. Clark, Chicago, Ill.
Treasurer—John E. Murphy, Chicago, Ill.
Gen. Solicitor—C. M. Osborn, Chicago, Ill.
Mast. Mech.—Peter H. Peck, Chicago, Ill.
M. Tran.—J. M. Warner, Chicago, Ill.
Gen. Bag. Agt.—E. A. Fuller, Chicago, Ill.
Purch. Agent—C. C. Nash, Chicago, Ill.
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Asst. Treas.—J. E. Howard, Grand Rapids, Mich.
General Supt.—J. K. V. Agnew, Grand Rapids, Mich.
Asst. Supt.—P. Conley, Holland, Mich.
Traffic Man.—W. A. Carpenter, Grand Rapids, Mich.
Ac. Gen. Pass. Agt.—Wm. A. Gavett, G'd Rap., Mich.
Gen. Ticket Agt.—J. F. Reekie, Detroit, Mich.
Asst. Gen. Pass. Agt.—W. A. Gavett, Grand Rap., Mich.
Asst. Gen. Frt. Agt.—M. W. Rose, Grand Rapids, Mich.
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& Buildings. } Mich.
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Supt. Telegraph—F. O Nye, Holland, Mich.
Claim Agent—T. C. Clark, Muskegon, Mich.
Mast. Car Painter—Edward Aubrey, Muskegon, Mich.

149 Chicago, Burlington & Kansas City RR.

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2d Vice-Pres.—Geo. B. Harris, Chicago, Ill.
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Mast. Mechanic—W. H. Bartlett, Keokuk, Ia.
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Supt. Telegraph—M. A. Baker, Hannibal, Mo.
Car Accountant—H. W. Pratt, Keokuk, Ia.

150 Chicago, Burlington and Northern RR. Co.

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Aud. & Asst. Sec.—N. B. Hinckley, St. Paul, Minn.
Cashier—Frank Dabney, St. Paul, Minn.
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Engineer—S. D. Purdy, La Crosse, Wis.
Purch. Agent—Geo. Hargreaves, St. Paul, Minn.
Mast. Mech.—W. H. Lewis, La Crosse, Wis.
Road Mast., No. Div.—S. D. Purdy, La Crosse, Wis.
Road Mast., So. Div.—F. McDonald, Savannah, Ill.

151 Chicago, Burlington and Quincy RR.

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Paymaster—L. N. Hopkins, Chicago, Ill.

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Ass't Gen. Aud.—C. I. Sturgis, Chicago, Ill.

151 Chicago, Burlington and Quincy RR. *Continued.*

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Freight Auditor—C. D. Bird, Chicago, Ill.
Aud. T. & P. Accts.—John Dyer, Chicago, Ill.
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Asst. Aud. of Treasury Dept. } W. G. Gordon, Chicago, Ill.
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Gen. Supt.—J. D. Besler, Chicago, Ill.
Gen. Fgt. Agt.—Thos. Miller, Chicago, Ill.
Asst. Gen. Fgt. Agt.—G. B. Ross, Chicago, Ill.
Asst. Gen. Fgt. Agt.—Fred. Rogers, Chicago, Ill.
Asst. Gen. Fgt. Agt.—E. R. Puffer, Chicago, Ill.
Gen. Pass. & Tkt. Agt.—P. S. Eustis, Chicago, Ill.
Asst. Pass. & Tkt. Agt.—L. W. Wakeley, Chicago, Ill.
Gen. Bag. Agt.—E. A. Sadd, Chicago, Ill.
Gen. Purch. Agt.—William Irving, Chicago, Ill.
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Chief Eng.—E. J. Blake, Chicago, Ill.
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Mechanical Eng.—Wm. Forsyth, Aurora, Ill.
Gen. Storekeeper—S. L. Charles, Aurora, Ill.
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Asst. Supt.—L. A. Howland, Chicago, Ill.
Supt. Fgt. Termls., Ch'go.—C. G. Wilson, Chicago, Ill.
Master Mech.—R. D. Smith, Chicago, Ill.
Mast. Mech., Chicago Div.—A. Forsyth, Aurora, Ill.
Div. Fgt. Agt.—C. A. Johnson, Chicago, Ill.
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Div. M. Mech., Glbg Div.—R. W. Colville, Galesburg, Ill.
Supt. St. Louis Div.—W. B. Throop, Beardstown, Ill.
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Secretary—T. S. Howland, Boston, Mass.
Gen. Counsel—T. M. Marquett, Lincoln, Neb.
Counsel—J. W. Dewcese, Lincoln, Neb.
Land Comm'r—J. D. MacFarland, Lincoln, Neb.
Auditor—J. G. Taylor, Omaha, Neb.
Asst. Treasurer—J. G. Taylor, Omaha, Neb.
Cashier—W. A. Higgins, Omaha, Neb.
Paymaster—J. G. Floyd, Omaha, Neb.
Gen. Fgt. Agt.—Geo. H. Crosby, Omaha, Neb.
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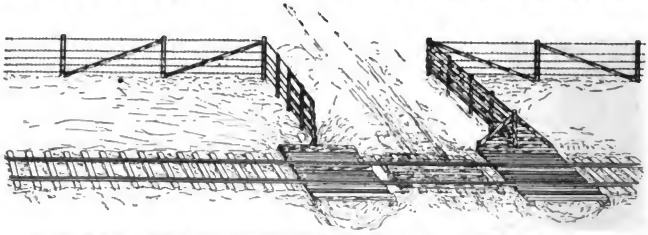

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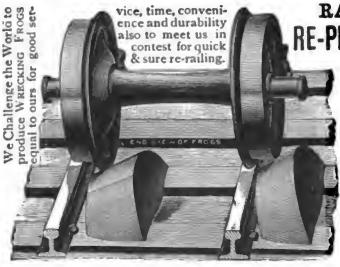

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Gen. Bag. Agt.—T. Marsland, Lincoln, Neb.
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Gen. Purch. Ag.—William Irving, Chicago, Ill.
Freight & Ticket Aud.—W. Randall, Omaha, Neb.
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Stationer—J. W. Bell, Lincoln, Neb.
Supt. of Teleg.—C. E. Yates, Lincoln, Neb.
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Supt. Mo. Power—D. Hawksworth, Plattsmouth, Neb.
Master Mechs.—E. S. Greusel, Plattsmouth, Neb.; J. C. Salsbery, Lincoln, Neb.; A. B. Pirie, Wymore, Neb.; R. B. Archibald, McCook, Neb.
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Sec. & Asst. G. M.—G. A. Foster, Fairchild, Wis.
Aud. & Gen. Fgt. Agt.—C. M. Wilson, Fairchild, Wis.
Chief Engineer—Robert Holmes, Fairchild, Wis.
Purch. Agent—C. I. Wickersham, Chicago, Ill.
Master Mech.—Milo Burkart, Fairchild, Wis.
Mast. Car B'r.—P. Brown, Fairchild, Wis.

153 Chicago, Fort Madison and Des Moines Ry.

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Vice Pres.—E. S. Conway, Fort Madison, Ia.
Treasurer—E. C. Long, Fort Madison, Ia.
Secretary—Jas. A. Parmelee, Fort Madison, Ia.
Superintendent—W. P. Scott, Fort Madison, Ia.

154 Chicago, Iowa and Dakota RR.

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Vice-President—D. Secor, Winnebago City, Ia.
Treasurer—H. N. Brockway, Garner, Ia.
Secretary—J. D. Newcomer, Eldora, Ia.
Gen. Manager—John Porter, Eldora, Ia.
Gen. Fgt. & Tkt. Agt. & Aud.—W. S. Porter, Eldora, Ia.

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Superintendent—L. Sergeant, Kalamazoo, Mich.
Chief Engineer—Frank C. Balch, Kalamazoo, Mich.

156 Chicago, Kansas City and Texas Ry.

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Secretary—C. A. Peabody, Kansas City, Mo.
Superintendent—W. E. Hanson, Kansas City, Mo.
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157 Chicago, Milwaukee and St. Paul Ry.

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Asst. Gen. Supt.—H. R. Williams, Milwaukee, Wis.
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Cons. Eng. Mach. Dept.—J. M. Lowry, Milwaukee, Wis.
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R'd Accountant—J. J. Moulding, Milwaukee, Wis.
Fuel Accountant—C. H. Burton, Milwaukee, Wis.
Car Accountant—J. F. Cochrane, Milwaukee, Wis.

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1st A. G. P. & T. A.—Geo. H. Heafford, Milwaukee, Wis.
A. Gen. Pass. & Tick. Agt.—Geo. S. Marsh, Milwaukee, Wis.
A. Gen. Tk. Agt.—A. F. Merrill, Milwaukee, Wis.
Asst. Gen. Pass. Agt.—W. H. Dixon, St. Paul, Minn.
Asst. Gen. Pass. Agt.—F. A. Miller, Chicago, Ill.
Gen. Bag. Agt.—W. D. Carrick, Milwaukee, Wis.
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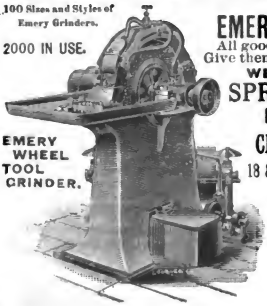

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158 Chicago, Rock Island and Pacific Railway Co.

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Auditor—F. W. Porter, Chicago, Ill.
Freight Aud.—Geo. H. Crosby, Chicago, Ill.
Ticket Auditor—A. Temple, Chicago, Ill.
Purch. Agent—F. A. Marsh, Chicago, Ill.
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Supt. Teleg.—A. R. Swift, Chicago, Ill.
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Gen. Bag. Agt.—J. D. Marston, Chicago, Ill.
Land Comm'r.—J. L. Drew, Davenport, Ia.

158 Chicago, Rock Island and Pacific Railway Co.—*Continued.*

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Gen. Fgt. Agt.—J. M. Johnson, Chicago, Ill.
1st Asst. Gen. Fgt. Agt.—H. Gower, Chicago, Ill.
2d Asst. Gen. Fgt. Agt.—J. C. McCabe, Chicago, Ill.
Asst. Gen. Pass. Agt.—Geo. L. Rhodes, Chicago, Ill.
Gen. Attorney—Thos. S. Wright, Chicago, Ill.
Paymaster—Geo. T. Boggs, Chicago, Ill.
Fuel Agent—J. J. Hart, Chicago, Ill.
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Divison Fgt. Agts. { *Ia. Div.*—W. W. Loomis, Des Moines, Ia. / *Southwest'n Div.*—F. M. Day, Davenp't, Ia.

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Gen. Supt.—W. I. Allen, Topeka, Kan.
Asst. Gen. Supt.—C. Dunlap, Topeka, Kan.
Gen. Fgt. Agt.—D. Atwood, Topeka, Kan.
1st Asst. Gen. Fgt. Agt.—L. F. Kimball, Denver, Col.
2d Asst. Gen. Fgt. Agt.—G. A. Kimball, Topeka, Kan.
Asst. Gen. Tkt. & Pass. Agt.—S. F. Boyd, Topeka, Kan.
Gen. Attorney—M. A. Low, Topeka, Kan.
Paymaster—W. Hodson, Topeka, Kan.
Fuel Agent—J. F. Doty, Topeka, Kan.
Asst. Mast. Mech.—H. Monkhouse, Horton, Kan.
Div. Supts. { *Eastern Div.*—W. H. Stillwell, Horton, Kan. / *Southwest'n Div.*—C. H. Hubbell, Hering'n, Kan. / *West'n Div.*—W. J. Lawrence, Colo. Sp'gs, Col.

159 Chicago, St. Paul Kansas City Ry.

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Secretary—M. C. Woodruff, Dubuque, Ia.
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Gen. Supt.—C. Shields, St. Paul, Minn.
Gen. Pass. & Tkt. Agt.—W. R. Busenbark, Chicago, Ill.
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Gen. Fgt. Agt.—P. C. Stohr, Chicago, Ill.
Asst. Fgt. Agts. { S. O. Brooks, St. Paul, Minn. / T. H. Tibbits, Chicago, Ill.
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Car Account't—J. R. Cavanagh, St. Paul, Minn.
Gen. Solicitors—Lusk & Bunn, St. Paul, Minn.
Gen. Claim Agt.—G. C. McMichael, St. Paul, Minn.
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Road Master—J. Donovan, Dubuque, Ia.
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Supt. Telegraph—J. C. Ford, St. Paul, Minn.
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160 Chicago, St. Paul, Minneapolis and Omaha Ry.

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A. G. P. & Tk. A.—J. S. McCullough, St. Paul, Minn.
Gen. Ft. Agt.—James T. Clark, St. Paul, Minn.
1st Ass't G. Fgt. A.—H. M. Pearce, Minneapolis, Minn.
2d Ass't G. Fgt. A.—E. R. Ober, St. Paul, Minn.
Chief Eng.—C. W. Johnson, St. Paul, Minn.
Auditor—L. A. Robinson, St. Paul, Minn.
Pur. Agent—W. H. S. Wright, St. Paul, Minn.

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Car Account't—A. Drezmal, St. Paul, Minn.
Attorney—S. L. Perrin, St. Paul, Minn.
Supt. of Teleg.—H. C. Hope, St. Paul, Minn.
Claim Agent—Edmond L. Poole, St. Paul, Minn.
Baggage Agent—E. F. Woode, St. Paul, Minn.
Master Mech.—M. Ellis, St. Paul, Minn.
Ass't M. Mechs. { John J. Ellis, St. Paul, Minn. / H. C. Anderson, Sioux City, Ia.
Mast. Car Bdr.—H. L. Preston, Hudson, Wis.

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Superintendent—James McCabe, St. Paul, Minn.

Northern Division.

Superintendent—James McCabe, St. Paul, Minn.

St. Paul and Sioux City Division.

Superintendent—H. Spencer, Mankato, Minn.

Nebraska Division.

Superintendent—H. S. Jaynes, Omaha, Neb.

161 Chicago, Santa Fé and California Ry.

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Treasurer—D. L. Gallup, Chicago, Ill.
Asst. Treas.—Geo. L. Goodwin, Boston, Mass.
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Cf. Dis. K. C. Div.—W. S. Maynard, Marceline, Mo.
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Road Master—W. Bollons, Streator, Ill.
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163 Cincinnati and Green River RR.

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Comptroller—F. S. Anable, Toledo, O.
Gen. M. & P. A.—F. B. Drake, Toledo, O.
Superintendent—J. B. Flanders, Toledo, O.
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Vice-Pres.—P. H. Ketcham, E. Saginaw, Mich.
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Gen. Manager—James T. Gardner, E. Saginaw, Mich.
Gen. Fgt. & Pass. Agt.—F. W. Salsbury, E. Sag'w, Mich.
Gen. Car Agt.—D. L. Tuttle, E. Saginaw, Mich.
Auditor—C. P. Brown, E. Saginaw, Mich.
Mast. Mech.—Chas. J. Cooper, E. Saginaw, Mich.

176 Cincinnati, Sandusky and Cleveland RR.

President—Geo. A. Farlow, Boston, Mass.
Vice-Pres.—Isaac Fenno, Boston, Mass.
Sec., Treas. & G. M.—J. L. Moore, Sandusky, O.
Superintendent—Thomas Reynolds, Springfield, O.
Gen. Pass. Agt.—W. R. Baldwin, Sandusky, O.
Gen. Fgt. Agt.—A. D. McLeod, Sandusky, O.
Pur. Agent—F. G. Scofield, Sandusky, O.
Auditor—J. M. O'Boyle, Sandusky, O.
Chief Eng.—Frank Woodbridge, Sandusky, O.
Mast. Mech.—Joseph Porter, Sandusky, O.
Road Master—John Griffin, Forrest, O.
Cashier—W. S. Hill, Sandusky, O.

177 Cincinnati, Selma and Mobile Ry.

President—Frod. Wolffe, New York, N. Y.
Treasurer—H. M. Abbett, Atlanta, Ga.
Gen. Man.—Edw. L. Tyler, Atlanta, Ga.
Mast. Mech.—Jas. E. Worswick, Montgomery, Ala.
Car Acc'nt—J. T. McDevitt, Montgomery, Ala.
Master Car Builder—Wm. Apps, Montgomery, Ala.

178 Cincinnati, Wabash & Michigan Ry.

President—J. H. Wade, Cleveland, O.
Vice-President—William Bingham, Cleveland, O.
Sec. & Treas.—W. J. Lewis, Evansville, Ind.
Gen. M. & P. A.—Norman Beckley, Elkhart, Ind.
Gen. Supt. & Ch. Eng.—O. W. Lamport, Wabash, Ind.
General F. A.—D. F. Coe, Elkhart, Ind.
Gen. P. & T. A.—E. H. Beckley, Elkhart, Ind.
Auditor—Louis B. Cooke, Elkhart, Ind.
Master Mech.—S. B. Tinker, Wabash, Ind.
Supt. of Bridges.—William Green, Wabash, Ind.
Supt. Teleg.—L. J. Bussard, Wabash, Ind.

178 Cincinnati, Wabash & Michigan Ry.
Continued.

Road Masters { Robert Melrose, Wabash, Ind.
E. Mnealty, Elkhart, Ind.
G. B. & T. M.—E. E. Beckley, Washington, Ind.
Car Accountant—E. H. Waldo, Elkhart, Ind.
Commercial Agt.—E. L. McDonald, Muskegon, Mich.

179 Cincinnati, Wheeling and New York RR.

Rec. & Gen. Man.—J. W. Campbell, Cambridge, O.
Superintendent—W. H. Stevens, Cumberland, O.
Auditor—M. G. McMahon, Cambridge, O.

180 City and Suburban Ry.

President—James H. Johnston, Savannah, Ga.
Treasurer—E. Schmitt, Savannah, Ga.
Supt.—George W. Allen, Savannah, Ga.
Foreman of Shops—Jas. C. Thompson, Savannah, Ga.

181 Clarendon and Pittsford RR.

President—F. D. Proctor, Proctor, Vt.
Vice-President—E. R. Morse, Proctor, Vt.
Sec. & Treas.—F. C. Partridge, Proctor, Vt.
Gen. Supt.—Geo. C. Robinson, West Rutland, Vt.
Chief Eng.—F. R. Patch, Proctor, Vt.

182 Clarinda and St. Louis RR.

Receiver—F. M. Ganit, Council Bluffs, Ia.

183 Cleveland, Akron and Columbus Ry.

Pres. & Gen. Man.—N. Monsarrat, Akron, O.
Vice-President—J. A. Horsey, New York, N. Y.
Secretary, Aud. & Treas.—A. W. Dunning, Akron, O.
Gen. Ft. & Pass. Agent—H. B. Dunham, Akron, O.
Chief Engineer—James Harrington, Akron, O.
Master Mech.—John J. Henry, Mt. Vernon, O.
Supt.—R. G. Sharpe, Akron, O.
Road Master—J. F. Donelon, Akron, O.

184 Cleveland and Canton RR.

Pres. & G. Man.—H. A. Blood, Boston, Mass.
V.-P., Sec. & Treas.—Wm. O. Chapman, Boston, Mass.
As. T. & Tr. A.—E. D. Hewins, Boston, Mass.
Superintendent—J. W. Wardwell, Cleveland, O.
Gen. Tkt. Agt.—H. R. Moore, Cleveland, O.
Gen. Pass. Agt.—A. Rokusek, Cleveland, O.
Auditor—A. Thierry, Canton, O.
Gen. Counsel—Charles H. Blood, Boston, Mass.
Asst. Supt. & Chief Eng.—H. A. Kennedy, Canton, O.
Mast. of Mach.—John Bean, Canton, O.
Mast. of Car Rep.—James Workman, Canton, O.

Waynesburg and Canton RR.

President—Louis Schaefer, Canton, O.
Sec. and Treas.—Chas. H. Blood, Boston, Mass.
Superintendent—J. W. Wardwell, Cleveland, O.
Gen. F. & P. A.—Albert Roknsek, Cleveland, O.
Mast. Trans.—S. D. Mayer, Canton, O.
Master Mech.—John Bean, Canton, O.
C. Eng. & R.M.—H. A. Kennedy, Canton, O.

185 Cleveland and Marietta RR.

Pres. & Gen. M.—A. T. Wikoff, Cambridge, O.
Vice-Pres.—Thos. De Witt Cuyler, Philadelphia, Pa.
Sec. & Treas.—G. H. Candee, New York, N. Y.
Gen. F. & P. A.—W. K. Richards, Cambridge, O.
Aud. & Pur. A.—C. C. Pickering, Cambridge, O.
Transfer Agts.—Jno. Paton & Co., New York, N. Y.
Supt. of Teleg.—L. C. Bartley, Cambridge, O.
Supt. Transp.—W. Quinn, Cambridge O.
Car Accountant—J. C. Taylor, Cambridge, O.
Eng. & Road Master—J. I. Kidd, Cambridge, O.

186 Cleveland and Western RR.

President & Treas.—William Semple, Jr., Allegheny, Pa.
Vice-President—J. D. Callery, Pittsburgh, Pa.
Secretary—William V. Callery, Allegheny, Pa.
Man., Chief Eng., Pur. Agt. & Aud. { C. W. Risley, Delphos, O.
Mast. Mechanic—W. D. Price, Delphos, O.

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187 Cleveland, Cincinnati, Chicago & St. Louis Ry. and Dayton & Union RR.

BIG FOUR ROUTE.

Cleveland Div., Cleveland, O., to Columbus, O., 138 miles; *Mt. Gilead Short Line RR.*, Edison, O., to Mt. Gilead, O., 2.5–140.5 miles; *Cincinnati Div.*, Delaware, O., to Cincinnati, O., 130 miles; *Indianapolis Div.*, Galion, O., to Indianapolis, Ind., 203 miles; *St. Louis Div.*, Indianapolis, Ind., to St. Louis, Mo., 262 miles; *Alton Branch*, Wann, Ill., to Alton, Ill., 4–266 miles; *Chicago Div.*, Cincinnati, O., to Chicago, Ill. (includ. bran.), 472.1 miles; *Cairo Div.*, extending from Cairo, Ill., to Vincennes, Ind., and Danville, Ill., 270 miles; *Peoria Div.*, Springfield, O., to Peoria, Ill., 350.9 miles; *Dayton and Union RR.*, Dayton, O., to Union City, Ind., 47 miles; total miles operated, 1,879.6 miles.

GENERAL OFFICES: Grand Central Depot, Cincinnati, O., and Corner St. Clair and Water Streets, Cleveland, O.

Registrar of Stock. { The Central Trust Co., of New York.

Transfer & Financial Agts. { Drexel, Morgan & Co., New York City.

EXECUTIVE DEPARTMENT.

President—M. E. Ingalls, Cincinnati, O.
Vice-Pres.—J. D. Layng, New York City.
Asst. to Pres.—Joseph Ramsey, Jr., Cincinnati, O.

LEGAL DEPARTMENT.

Gen. Attorneys. { H. H. Poppleton, Cleveland, O. / John T. Dye, Indianapolis, Ind.

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Secretary—E. F. Osborn, Cincinnati, O.
Treasurer—Geo. S. Russell, Cleveland, O.
Paymaster—F. D. Comstock, Cleveland, O.

REAL ESTATE DEPARTMENT.

Real Estate Agt.—Edwin A. Hill, Cincinnati, O.

ACCOUNTING DEPARTMENT.

Auditor—P. A. Hewitt, Cleveland, O.
Fgt. Account't—E. E. Kreuthoffer, Cleveland, O.
Tkt. Account't—F. M. Brine, Cleveland, O.
Travelling Aud.—J. W. Hewitt, Cincinnati, O.
Asst. Trav. Aud's { E. C. Scarff, Indianapolis, Ind. / F. J. Bagley, Indianapolis, Ind. / J. E. Regan, Indianapolis, Ind.

TRAFFIC DEPARTMENT.

Traffic Man.—Oscar G. Murray, Cincinnati, O.
Fgt. Traffic Man.—Edw. S. Washum, Cincinnati, O.
Gen. Pass. Agt.—D. B. Martin, Cincinnati, O.
Gen. Tkt. Agt.—John Egan, Cincinnati, O.
Gen. Fgt. Agt.—Edgar Hill, Cincinnati, O.
Asst. Gen. Fgt. Agts. { L. R. Brockenbrough, Cin'ti., O. / A. S. White, St. Louis, Mo. / A. B. Hough, Cleveland, O. / Ferd. Woods, Indianapolis, Ind.
Fgt. Claim Agt.—C. H. Dent, Cincinnati, O.
Gen. Bag. Agt.—D. M. Calkins, Cleveland, O.
Gen. Live Stock Agt.—A. M. Stewart, Cincinnati, O.

OPERATING DEPARTMENT.

Gen. Man.—Wm. M. Greene, Cincinnati, O.
Asst. Gen. Man.—J. A. Barnard, Indianapolis, Ind.
Gen. Supt.—E. A. Peck, Indianapolis, Ind.
Supt. of Mot. Pow.—W. F. Turreff, Cleveland, O.
Chf. Eng. Maint. of Way—W. C. Irwin, Cleveland, O.
Supt. of Teleg.—T. J. Higgins, Cleveland, O.
Purch. Agt.—Edward Hill, Cleveland, O.
Car Account't—C. J. Fellows, Indianapolis, Ind.
Mast. Mech., Cleve., Cin. & Indianapolis Div. { E. E. Hudson, Cleveland, O.
Mast. Mech., Chicago & St. Louis Div. { T. A. Lawes, Brightwood, Ind.

Cleveland Division.

Superintendent—C. J. Stedwell, Cleveland, O.
Train Master—S. R. Kramer, Cleveland, O.
Asst. Eng. Maint. of Way—F. L. Krause, Cleveland, O.
Road Master—C. Potter, Delaware, O.
Fore. Bridges & Bldgs. { T. S. Marvin, Shelby, O. / H. A. Hanson, Cleveland, O.

187 Cleveland, Cincinnati, Chicago & St. Louis Ry. and Dayton & Union RR.—*Cont.*

Cincinnati Division.

Superintendent—C. J. Stedwell, Cincinnati, O.
Train Master—C. S. Rhoads, Cincinnati, O.
Asst. Eng. Maint. of Way—F. L. Krause, Cleveland, O.
Road Master—M. Bowen, Dayton, O.
Fore. Bridges & Bldgs.—M. F. Potter, Franklin, O.

Indianapolis Division.

Superintendent—J. Q. Van Winkle, Indianapolis, Ind.
Train Master—Jno. Swisher, Union City, Ind.
Eng. Maint. of Way—L. F. Fieser, Indianapolis, Ind.
Road Mast., West End—H. O. Eastman, Union City, Ind.
Road Mast., East End—H. Gardiner, Bellefontaine, O.
Fore. Bridges & Bldgs.—Jacob Klump, Union City, Ind.

St. Louis Division.

Superintendent—J. Q. Van Winkle, Indianapolis, Ind.
Train Master—E. M. Neel, Mattoon, Ill.
Eng. Maint. of Way—F. A. Sherwin, Indianapolis, Ind.
Road Mast., East End—Wm. Henry, Indianapolis, Ind.
Road Mast., West End—C. Regan, Mattoon, Ill.
Fore. Bridges & Bldgs.—Q. McNab, Mattoon, Ill.

Chicago Division.

Superintendent—Geo. W. Bender, Indianapolis, Ind.
Train Master—J. W. Riley, Cincinnati to No. Ind'polis.
Train Master—S. T. Blizard, N. Indplis. to Seneca.
Road Master (East. Div.)—A. J. Diddle, Indpls., Ind.
Road Master (West Div.)—P. J. Kelly, Kankakee, Ill.
Foreman Bldgs. & Bldgs. (East. Div.), *Foreman Bldgs. & Bldgs. (West. Div.)*, { J. Doll, Greensburg, Ind. / A. Shane, Kankakee, Ill.

Peoria Division.

Superintendent—A. G. Wells, Indianapolis, Ind.
Train Master—A. H. Palmerton, Indianapolis, Ind.
Mast. Maint. of Way—John Sloan, Indianapolis, Ind.
Asst. Eng.—J. H. Deane, Indianapolis, Ind.
Road Master, East End—D. Kiley, Moorefield, Ind.
Road Master, West End—M. Burke, Urbana, Ill.
Foreman B. & B., East End, *Foreman B. & B., West End*, { N. M. Markley, Arcanum, O. / G. W. Markley, Crawfordsville, Ind.

Cairo Division.

Superintendent—J. W. Simmons, Mt. Carmel, Ill.
Master Mechanic—W. P. Orland, Mt. Carmel, Ill.
Road Master—John Keenan, Mt. Carmel, Ill.
Foreman Bldgs. & Bldgs., { H. A. Hanson, Mt. Carmel, Ill.

Dayton and Union RR.

President—H. F. Shomaker, New York, N. Y.
V.-Pres. & Gen. Man.—Wm. M. Greene, Cincinnati, O.
Gen. Pass. Agt.—D. B. Martin, Cincinnati, O.
Gen. Fgt. Agt.—Edgar Hill, Cincinnati, O.
Superintendent—W. F. Stark, Dayton, O.
Real Estate Agt.—Edwin A. Hill, Cincinnati, O.
Supt. of Motive Power—W. F. Turreff, Cleveland, O.

188 Cleveland, Lorain and Wheeling RR.

President—Selah Chamberlain, Cleveland, O.
Vice-President—W. S. Streator, Cleveland, O.
Sec. & Treas.—C. L. Cutter, Cleveland, O.
Gen. Manager—Oscar Townsend, Cleveland, O.
Supt. & Purch. Agt.—F. M. Townsend, Lorain, O.
Traffic Agt.—J. F. Townsend, Cleveland, O.
Auditor—W. H. Park, Cleveland, O.
Chief Engineer—W. B. Hanlon, Cleveland, O.
Paymaster—G. F. Tennant, Cleveland, O.
Gen. Counsel—J. W. Tyler, Cleveland, O.
Supt. Teleg.—F. E. Now, Cleveland, O.
Mast. Mech.—J. A. McGee, Lorain, O.
Mast. Car Bldr.—George Butts, Lorain, O.
Road Master—James Reynolds, Sterling, O.

189 Cleveland, St. Louis & Kansas City Ry.

President—Frank C. Hollins, New York, N. Y.
Treasurer—R. W. Webb, New York, N. Y.
Sec., Gen. Mgr. & Chf. Eng. { J. T. K. Hayward, St. Louis, Mo.
Superintendent—E. C. Hayward, St. Louis Mo.

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190 Cobourg, Blairton and Marmora Ry.

Pres. & G. Man.—T. P. Pearce, Cobourg, Ont.
Secretary—E. Donald, Cobourg, Ont.
Mast. Mech. & Mast. Car Bldr. } Isaac Crozier, Cobourg, Ont.
Road Master—N. Hickman, Cobourg, Ont.

191 Colorado Eastern RR.

President—E. F. Hallack, Denver, Col.
Vice-Pres.—B. F. Vaughan, Providence, R. I.
Treasurer—C. L. Horton, New York, N. Y.
Secretary—Geo. C. Wilde, New York, N. Y.
Gen Manager—C. M. Wicker, Denver, Col.
Chief Eng.—R. A. Hobart, Denver, Col.
Auditor—Robt. McDowell, Denver, Col.

192 Colorado Midland Ry.

President—T. M. Davis, Newport, R. I.
V.-Pres. & G. Solicitor.—Henry T. Rogers, Denver, Col.
Sec. & Auditor—E. W. Sells, Colorado Springs, Col.
Asst. Sec.—Oscar Bunke, New York, N. Y.
Treasurer—Charles E. Noble, Colorado Springs, Col.
Asst. Treas.—Samuel S Sands, New York, N. Y.
Gen. Man.—H. Collbran, Colorado Springs, Col.
Gen. Pass. & Tkt. Agt.—C. S. Lee, Denver, Col.
Superintendent—Thomas Saunders, Colorado City, Col.
Mast. Mech.—A. L. Humphrey, Colorado Springs, Col.
Chief Engineer—B. H. Bryant, Colorado Springs, Col.

193 Columbia and Puget Sound RR.

President—Elijah Smith, New York, N. Y.
Secretary—H. McClellan, Seattle, W. T.
Gen. Manager—H. W. McNeill, Seattle, W. T.
Asst. Supt.—A. Branier, Seattle, W. T.

194 Columbia, Newberry and Laurens.

President—W. G. Childs, Columbia, S. C.
Vice-Pres.—H. C. Mosely, Prosperity, S. C.
Sec. & Treas.—C. J. Indell, Columbia, S. C.
Chief Engineer—Charles Elli , Jr., Columbia, S. C.

195 Columbus and Cincinnati Midland RR.

President—Orland Smith, Baltimore, Md.
Treasurer—Theo. H. Butler, Columbus, O.
Sec., Supt. & Purch. Agt.—S. P. Peabody, Columbus, O.
Gen. Pass. Agt.—O. P. McCarthy, Columbus, O.
Gen. Fgt. Agt.—C. S. Wight, Pittsburgh, Pa.
Auditor—C. F. Low, Cincinnati, O.
Chf. Eng., Road Mast. & Supt. Bridges. } D. D. Carothers, Columbus, O.
Div. Fgt. Agt.—E. T. Affleck, Columbus, O.
Mast. of Mach.—R. Bromley, Columbus, O.
Car Account't—J. Conant, Cincinnati, O.

196 Columbus and Maysville Ry.

Receiver—Kirby Smith, Hillsboro', O.
Superintendent—Jas. Q. Marshall, Hillsboro' O.

197 Columbus and Rome RR.

President—John Peabody, Columbus, Ga.
Treasurer—Central RR. Bank, Savannah, Ga.
Gen. Man.—Cecil Gabbett, Savannah, Ga.
Superintendent—D. D. Curran, Savannah, Ga
Gen. Tkt. Agt.—E. T. Chareton, Savannah, Ga.
Gen. Fgt. Agt.—G. A. Whitehead, Savannah, Ga.
Purch. Agt.—J. C. Haskell, Savannah, Ga.
Master of Mach.—J. L. Whitsett, Columbus, Ga.
Road Master—E. Ford, Columbus, Ga.

198 Columbus, Hocking Valley and Toledo Ry.

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1st Vice-Pres.—S. D. Davis, New York, N. Y.
2d Vice-Pres.—Chas. B. Alexander, New York, N. Y.
Sec. & Treas.—W. N. Cott, Columbus, O.
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Gen. Supt.—Charles H. Rockwell, Columbus, O.
Gen. P. & T. A.—H. J. Falkenbach, Columbus, O.
Gen. Fgt. Agt.—W. A. Mills, Columbus, O.
Auditor—F. B. Everett, Columbus, O.
Purch. Agent—Jos. H. Garaghty, Columbus, O.
Transfer Agents—Atlantic Trust Co., New York, N. Y.

198 Columbus, Hocking Valley and Toledo Ry.—*Continued.*

Mast. Mech.—W. H. Miller, Columbus, O.
Chief Eng.—F. B. Sheldon, Columbus, O.
Supt. of B. & B.—T. R. Scanlon, Columbus, O.
Gen. Counsel—Jno. J. McCook, New York, N. Y.
Gen. Solicitor—J. A. Wilcox, Columbus, O.
Master Car Painter—W. T. Hubbell, Columbus, O.
Road Master—A. L. Donaldson, Columbus, O.
Paymaster—Fenton P. Ross, Columbus, O.
Supt. Tel. Div.—James Bruce, Columbus, O.
Supt. H. V. Div. & Ohio Riv. Div. } C. D. Norris, Logan, O.

199 Columbus, Lima & Milwaukee Ry.

President & Gen. Man.—B. C. Faurot, Lima, O.
Vice-Pres.—L. C. Newsom, Columbus, O.
Asst. to the Pres.—H. Sabine, Columbus, O.
Treasurer—F. L. Langan, Lima, O.
Secretary—T. P. Graf, Lima, O.
Chief Engineer—N. H. Colwell, Lima, O.
Gen. Counsel—D. J. Cable, Lima, O.

200 Columbus, Shawnee and Hocking Valley RR.

President—D. S. Gray, Columbus, O.
Vice-Pres. & Gen. Man.—F. J. Picard, Columbus, O.
Treasurer—H. D. Turney, Columbus, O.
Sec. & Solicitor—W. E. Guerin, Columbus, O.
Gen. F. & P. A.—W. W. Daniel, Columbus, O.
Auditor—C. A. Covert, Columbus, O.
Chief Engineer—Thos. Gore, Columbus, O.
Mast. Transp.—H. O. Pond, Columbus, O.
Mast. Mech.—A. T. Ball, Columbus, O.

201 Columbus Southern RR.

President—T. J. Pearce, Columbus, Ga.
Vice-President—Nelson Tift, Albany, Ga.
Sec. & Treas.—Cliff B. Grimes, Columbus, Ga.
Gen. Man. & Purch. Agt.—S. F. Parrot, Columbus, Ga.
Gen. Pass. & Fgt. Agt.—Carrol H. Smith, Columbus, Ga.
Auditor—H. C. Walters, Columbus, Ga.
Supt. Bridges & R. M.—H. C. Hill, Columbus, Ga.

202 Colusa and Lake RR.

President—W. P. Harrington, Colusa, Cal.
V.-President—E. W. Jones, Colusa, Cal.
Secretary—C. M. Ballantine, Colusa, Cal.
Treasurer—Colusa Co. Bank, Colusa, Cal.
Gen. Man., Gen. Supt., G. F. & P. A., Aud. & Purch. Agt. } E. A. Harrington, Colusa, Cal.
Mast. of Mach.—E. N. Underwood, Colusa, Cal.
Mast. of Car Rep.—J. Nickerson, Colusa, Cal.
Supt. Bridges & Road Mast.—J. Logan, Colusa, Cal.

203 Concord and Montreal RR.

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Treasurer—John F. Webster, Concord, N. H.
Gen. Counsel—Chase & Streeter, Concord, N. H.
Gen. Traffic Man.—H. E. Chamberlin, Concord, N. H.
Supt. of Train Service—E. F. Mann, Concord, N. H.
Gen. Fgt. Agt.—Samuel Barrett, Concord, N. H.
Gen. Pass. & Ticket Agt.—F. E. Brown, Concord, N. H.
New England Pass. Agt.—Geo. W. Storer, Boston, Mass.
Supt. of Con. & Maint. Way—W. A. Stowell, Concord, N. H.
Supt. Mo. Pow. & Rol'g St'k—J. T. Gordon, Concord, N. H.
Supply Agent—W. H. Alexander, Concord, N. H.
Gen. Bag. Agt.—J. M. Jones, Concord, N. H.

204 Connecticut River RR.

President—N. A. Leonard, Springfield, Mass.
Clerk & Treas.—Seth Hunt, Springfield, Mass.
Sup. & Pur. A.—John Milligan, Springfield, Mass.
Auditor—W. H. Wilson, Springfield, Mass.
Cash. & Paym.—G. E. Frink, Springfield, Mass.
Gen. Fgt. Agt.—H. E. Howard, Springfield, Mass.
Gen. Tkt. Agt.—E. C. Watson, Springfield, Mass.
Gen. Bag. Agt.—W. E. Hill, Springfield, Mass.
Master Mech.—W. H. Stearns, Springfield, Mass.
Road Master—John R. Patch, Springfield, Mass.
Mast. Car Rep.—Robert Hitchcock, Springfield, Mass.

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205 Connecting Terminal RR.

President—Frank J. Firth, Philadelphia, Pa.
Vice-President—Edwin T. Evans, Buffalo, N. Y.
Secretary—A. D. Hepburn, Philadelphia, Pa.
Treasurer—J. S. Swartz, Philadelphia, Pa.
Manager—J. E. Payne, Philadelphia, Pa.
Superintendent—T. M. Moore, Buffalo, N. Y.
Auditor—H. Churchman, Philadelphia, Pa.
Asst. Auditor—F. Hoffman, Philadelphia, Pa.

206 Cooperstown & Charlotte Valley RR.

President—E. M. Harris, Cooperstown, N. Y.
Vice-President—Wm. E. Cory, Cooperstown, N. Y.
S., T. & G. T. A.—Edgar H. Lake, Cooperstown, N. Y.
Asst. Sec. & Treas.—G. M. Jarvis, Cooperstown, N. Y.
Gen. Fgt. Agt.—R. W. Roundy, Cooperstown, N. Y.
Superintendent—D. E. Siver, Cooperstown, N. Y.

207 Cornwall and Lebanon RR.

President—Robert H. Coleman, Cornwall, Pa.
Secretary—G. D. Rise, Lebanon, Pa.
Treasurer—A. D. Hoffer, Lebanon, Pa.
Gen. Supt. & G. F. & P. A.—Ned Irish, Lebanon, Pa.
Chief Engin'r—T. R. Crowell, Lebanon, Pa.
Mast. Mech.—A. J. Reed, Lebanon, Pa.
Road Master—John McDonell, Lebanon, Pa.

208 Cornwall Railroad.

President—W. C. Freeman, Cornwall, Pa.
Vice-President—R. P. Alden, Cornwall, Pa.
Secretary—J. P. Jackson, Cornwall, Pa.
Treasurer—D. S. Hammond, Lebanon, Pa.
Superintendent—S. S. Neff, Lebanon, Pa.
Gen. Manager—E. C. Freeman, Cornwall, Pa.
Gen. Solicitor—H. C. Shirk, Lebanon, Pa.
Mast. Mech.—S. W. Huston, Lebanon, Pa.

209 Coudersport and Port Allegany RR.

President—F. W. Knox, Coudersport, Pa.
Vice-President—C. S. Cary, Olean, N. Y.
Secretary—A. B. Mann, Coudersport, Pa.
Treasurer—M. W. Barse, Olean, N. Y.
Auditor—A. G. Olmstead, Coudersport, Pa.
G. Supt.—B. A. McClure, Coudersport, Pa.

210 Covington and Macon RR.

President—John E. Jones, Macon, Ga.
Vice-President—John C. Key, Macon, Ga.
Sec. & Treas.—A. Craig-Palmer, Macon, Ga.
Acting Supt., G. P. & F. A.—A. G. Craig, Macon, Ga.
Auditor—C. V. Palmer, Macon, Ga.
Gen. Counsel—N. E. Harris, Macon, Ga.
Mast. Mech. & Mast. Car Rep.—N. N. Boyders, Macon, Ga.
Supt. of Bdgs. & Road Master } B. F. Hudson, Macon, Ga.

211 Covington Transfer.

(*Projected line:* Covington to Ludlow, Ky., 2 miles; under construction.)

Chief Engineer—D. Boucaren, Ludlow, Ky.

212 Craig Mineral.

(*Projected line:* Eagle Rock to New River, Va., 60 miles, and branch New Castle to Roanoke, 28 miles; under construction, Eagle Rock to New Castle, Va., 25 miles.)

President—J. W. Marshall, New Castle, Va.
Gen. Manager—W. G. Sears, Eagle Rock, Va.
Chief Engineer—F. A. Cooper, Eagle Rock, Va.

213 Crawford and Manistee River Ry.

President—A. E. Cartier, Ludington, Mich.
Vice-President—Jas. Dempsey, Manistee, Mich.
Secretary—W. Wente, Manistee, Mich.
Treasurer—L. T. Dempsey, Manistee, Mich.
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Engineer—J. L. Gwinn, Cresson, Pa.
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215 Crooked Creek Railroad.

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Gen. Fgt. Agt.—J. H. Lancto, Crown Point, N.Y.
Master Mech. & Car Builder } C. W. Sanders, Crown Point, N. Y.
Road Master—Richard Riley, Crown Point, N. Y.

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Vice-President—J. M. Leete, St. Louis, Mo.
Treasurer—C. W. Barnes, St. Louis, Mo.
Secretary—E. T. Allen, St. Louis, Mo.
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218 Cumberland and Pennsylvania RR.

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Supt.—Lewis M. Hamilton, Cumberland, Md.
Mast. Mach.—Henry T. Brick, Mt. Savage, Md.
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219 Cumberland Railway and Coal Co.

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Vice-President—Robert Cowans, Montreal, Que.
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220 Cumberland Valley Railroad.

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Vice-President—J. Stewart, Chambersburg, Pa.
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Supt. & Pur. Agt.—J. F. Boyd, Chambersburg, Pa.
Gen. Pass. Agt.—H. A. Riddle, Chambersburg, Pa.
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Chief Engineer—C. Ives, Chambersburg, Pa.
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Mast. Car Rep.—Caspar Wicke, Chambersburg, Pa.
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Vice-President—H. M. McLaurin, Dallas, Tex.
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Chief Engineer—W. J. Sherman, Dallas, Tex.

222 Danville and La Grange RR.

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Vice-President—Archer Brown, Cincinnati, O.
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229 Decatur, Chesapeake and New Orleans.

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Asst. Supt.—H. C. North, Albany, N. Y.
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Mast. Car Painter—J. B. Lanehart, Green Island, N. Y.
R. M. S. & C. D.—M. Dorsey, Albany, N. Y.
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R. M. City D.—H. Patterson, Albany, N. Y.

230 Delaware & Hudson Canal Company.

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Eng. & Asst. Supt.—C. R. Manville, Carbondale, Pa.
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Grav. Rd. Do.—Pierce Butler, Carbondale, Pa.
Train & Rd. } W. McMullen, Carbondale, Pa.
Ms. Grav. Rd. } William Muir, Honesdale, Pa.
Road Master—R. W. Kellow, Scranton, Pa.
Supt. of Teleg.—C. Petersen, Honesdale, Pa.
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Train Master—S. A. McMullen, Carbondale, Pa.
Mast. Car Bdr.—T. Orchard, Carbondale, Pa.
Mast. Car Painter—Edwin Blockridge, Carbondale, Pa.
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Asst. Eng.—Walter Frick, Carbondale, Pa.

231 Delaware and North River RR.

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233 Delaware, Lackawanna and Western RR.

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Gen. Fgt. Agt.—William S. Sloan, New York, N. Y.
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Gen. East. Pass. Agt.—N. Muller, Jr., New York, N. Y.
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Engineer—C. C. Rose, Buffalo, N. Y.
Master Mech.—F. B. Griffith, Buffalo, N. Y.

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Aud. & Gen. Pass. Agt.—G. W. Reed, Woodbury, N. J.

235 Denison and Washita Valley RR.

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Asst. Gen. Supt.—F. D. Ungles, Coalgate, I. T.

236 Denison Rapid Transit RR.

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Vice-President—M. F. French, Denison, Tex.
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Chief Engineer—C. W. Clark, Denison, Tex.

237 Denver and Rio Grande RR.

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Sup. 2d & 3d Divs.—R. M. Ridgway, Salida, Col.
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Chief Operator—F. M. Duncan.

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2d & 3d Dist., 1st Div.—John Kelker, Pueblo, Col.
2d Div.—H. B. De Remer, Leadville, Col.
3d Div.—A. W. Jones, Salida, Col.
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Asst. 1st Div., Pueblo to Salida & West Cliff, } B. Taylor, Canon City, Col.
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237 Denver and Rio Grande RR.—*Continued.*

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238 Denver Union RR. and Depot Co.

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Chief Eng.—Willis P. Taft, E Tawas, Mich.
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Road Master—James Bolen, E. Tawas, Mich.

244 Detroit, Lansing and Northern RR. Co.

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Gen. Supt.—J. K. V. Agnew, Grand Rapids, Mich.
Asst. Supt.—F. M. Drake, Ionia, Mich.
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245 Dexter and Ontario RR.

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Secretary—J. L. Newton, Dexter, N. Y.

246 Diamond Valley RR.

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Road Master—Samuel Stair, Barre, Pa.
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Mast. Car Rep.—O. Gibson, Huntingdon, Pa.
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247 Dodge City, Montezuma and Trinidad Ry.

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Vice-President—William Soule, Rochester, N. Y.
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Aud. & Ticket Agt.—John W. Gilbert, Dodge City, Kan.

248 Dover and Statesboro.

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Secretary—James E. Hogan, Dover, Ga.
General Manager—Frank W. Scofield, Augusta, Ga.
Gen. Supt.—Jas. H. Burckhalter, Augusta, Ga.
Auditor—L. C. Hayne, Augusta, Ga.
Chief Engineer—Gordon Gairdner, Augusta, Ga.

249 Duluth and Iron Range RR.

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President—H. R. Bishop, New York, N. Y.
Vice-Pres. & Gen. Man.—Geo. C. Kimball, Duluth, Minn.
Sec. & Treas.—C. W. Hillard, Chicago, Ill.

249 Duluth & Iron Range. RR.—*Continued.*

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Aud., Fgt. & Pass. Agt.—A. H. Viele, Duluth, Minn.
Cashier—F. H. White, Duluth, Minn.
Chief Eng.—R. Angst, Duluth, Minn.
Mast. Mech.—H. S. Bryan, Two Harbors, Minn.
Supt. Buildings and Bridges. } W. A. McGonagle, Two Harbors, Minn.
Road Master—Geo. W. Kimball, Two Harbors, Minn.
Purch. Agent—R. Spencer, Chicago, Ill.
Solicitor—J. H. Chandler, Chicago, Ill.
Special Auditor—J. H. Kingwill, Chicago, Ill.
Land Commissioner—B. P. Crane, St. Paul, Minn.
Transfer Agt.—T. F. Monahan, New York, N. Y.

250 Duluth and Winnipeg RR.

President—A. W. Wright, Alma, Mich.
Vice-Pres. & Gen. Man.—W. H. Fisher, St. Paul, Minn.
Secretary—H. J. Boardman, Boston, Mass.
Treasurer—Arthur W. Tuffts, Boston, Mass.

251 Duluth Belt Line RR.

President—J. R. Myers, Duluth, Minn.
Vice-Pres.—Morris Beifeld, Chicago, Ill.
Treasurer—H. H. Myers, Duluth, Minn.
Secretary—B. F. Myers, Duluth, Minn.

252 Duluth, Crookston and Northern RR.

President—Jas. B. Williams, New York, N. Y.
Secretary—Geo. H. Earl, New York, N. Y.
Treasurer—Geo. S. Baxter, New York, N. Y.

253 Duluth, Red Wing and Southern RR.

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Vice-President—S. B. Foote, Red Wing, Minn.
Gen. Manager—L. F. Hubbard, Red Wing, Minn.
Secretary—G. H. Crary, Red Wing, Minn.
Treasurer—T. B. Sheldon, Red Wing, Minn.
Div. Supt. & Traf. Man.—H. B. Briggs, Red Wing, Minn.

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Secretary—L. M. Schwan, New York, N. Y.
Gen. Man. & Supt.—W. F. Fitch, Marquette, Mich.
Aud. & Asst. Treas.—E. W. Allen, Marquette, Mich.
Gen. Counsel—W. P. Healy, Marquette, Mich.
Purch. Agt.—P. W. Brown, Marquette, Mich.
Act. Gen. Tkt. & Pass. Agt. } Ernest Rankin, Marquette, Mich.
Gen. Fgt. Agt.—Wm. Orr, Marquette, Mich.
Chief Engineer—J. A. Latcha, Marquette, Mich.
Mast. Mech.—J. J. Conolly, Marquette, Mich.
Supt. Br. & Bu.—W. H. Boeh, Marquette, Mich.

255 Durham and Northern Ry.

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Supt. & Chief Eng.—William Moncure, Durham, N. C.
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Mast. Mech.—B. R. Harding, Raleigh, N. C.

256 East and West Railroad of Alabama.

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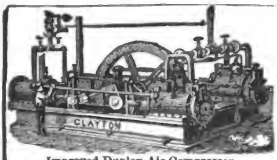

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Purch. Agent—E. Mahler, Philadelphia, Pa.
Supt. Bridges & Bldgs. } J. R. Birdlebough, Cortland, N. Y.
Road Master—P. Clancy, Cortland, N. Y.

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Sec'y & Auditor—Jno. E. Foreman, Toronto, Ont.
Accountant—E. H. Edwards, Sarnia, Ont.
Mast. Mechanic—G. R. Joughins, Chatham, Ont.
Road Master—J. G. Entwistle, Chatham, Ont.

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Sec., Treas., & Supt.—George B. Smith, Dunmore, Pa.
Auditor—Wm. Gilmore, Dunmore, Pa.
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Engineer—A. D. Blackinton, Dunmore, Pa.
Mast. Mechanic—D. E. Barton, Dunmore, Pa.
Mast. Car B'r—Mark C. Simpson, Dunmore, Pa.
Car Accountant—S. B. Bulkley, Dunmore, Pa.

277 Esquimault and Nanaimo.

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Vice-President—C. F. Crocker, San Francisco, Cal.
Secretary—C. E. Pooley, Victoria, B. C.
Treasurer—Jas. Dunsmuir, Victoria, B. C.
Supt. & Chf. Eng.—Jos. Hunter, Victoria, B. C.
Auditor—Wm. Whyte, Victoria, B. C.
Gen. Pass. & Tkt. Agt.—H. K. Prior, Victoria, B. C.

278 Eureka and Palisade RR.

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Treasurer—Nat'l Bank of D. O. Mills & Co., Sac., Cal.
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Chf. Engineer—T. J. Read, Eureka, Nev.
Gen. Pass. & Frt. Agt.—J. L. Fast, Palisade, Nev.
Mast. Mechanic—J. M. Crawford, Palisade, Nev.
Mast. Car Rep.—A. S. Longley, Palisade, Nev.
Mast. Car Painter—Seth Ladd, Palisade, Nev.

279 Eureka Springs Ry.

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Vice-Prest. & Treas.—Logan H. Roots, Little R'k, Ark.
Secretary—A. H. Foote, Eureka Springs, Ark.
Cashier & Gen. Ticket Agt., } F. M. Richardson, Eureka Spgs., Ark.
Auditor & Gen. Fgt. Agt., } Geo. West, Eureka Springs, Ark.
Purch. Agent—C. H. Smith, St. Louis, Mo.
Mast. Mech.—J. B. Obenshain, Eureka Springs, Ark.
Road Master—W. J. Wallace, Eureka Springs, Ark.

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Vice-Pres.—Wm. Heilman, Evansville, Ind.
Sec. & Treas.—W. J. Lewis, Evansville, Ind.
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Gen. Supt.—D. R. Patterson, Chicago, Ill.
Gen. Fgt. Agt.—E. O. Hopkins, Evansville, Ind.
Asst. Pass. Agt.—S. D. McLeish, Evansville, Ind.
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Gen. Counsel—Iglehart & Taylor, Evansville, Ind.
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Mast. Car Bldr.—J. F. Scott, Evansville, Ind.
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286 Fitchburg Railroad.

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Spt. Mot. Pow. & Mach.—O. Stewart, Boston, Mass.
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287 Flint and Pere Marquette RR.

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Gen. Fgt. Agt.—A. Patriarche, East Saginaw, Mich.
Auditor—G. W. Ledlie, East Saginaw, Mich.
Paymaster—F. D. Keeler, East Saginaw, Mich.
Cashier—T. E. Borden, East Saginaw, Mich.
Purch. Agent—G. G. Cook, East Saginew, Mich.
Chief Engineer—W. B. Sears, East Saginaw, Mich.
Gen. Bag. Agt.—L. H. Plues, East Saginaw, Mich.
Div. Supt.—Stanford T. Crapo, Port Huron, Mich.
Solicitor—W. L. Webber, East Saginaw Mich.
Land Comm'r—A. W. Newton, East Saginaw, Mich.
Master Mech.—T. J. Hatswell, East Saginaw, Mich.
Master Car Bldr.—J. R. Reniff, East Saginaw. Mich.
Master Car Painter—D. Herbage, East Saginaw, Mich.
Road Master—G. M. Brown, East Saginaw, Mich.
Car Account't—J. H. Woollacott, E. Saginaw, Mich.
Transfer Agt.—A. S. Apgar, New York, N. Y.

288 Florence Northern.

(*Projected line:* Florence, Ala., to Dover, Tenn., 120 miles; under construction, Florence north, 25 miles.)

President—W. B. Wood, Florence, Ala.
Chief Engineer—A. G. Negley, Florence, Ala.

289 Florida Central and Peninsular RR.

President—H. R. Duval, New York, N. Y.
Secretary—E. R. Hoadley, New York, N. Y.
Treasurer—W. N. Thompson, Jacksonville, Fla.
Gen. Man. & Pur. Agt.—D. E. Maxwell, Jack'v'e, Fla.
Asst. Gen. Man.—T. A. Phillips, Jacksonville, Fla.
Traffic Man.—N. S. Pennington, Jacksonville, Fla.
Gen. Pass., Tkt. and Bag. Agt. } A. O. Macdonell, Jacksonville, Fla.
Asst. Gen. Frt. Agt.—W. H. Pleasants, Jacksonville, Fla.
Chief Engineer—J. W. Bushnell, Jacksonville, Fla.
Master Trans.—M. V. Raley, Jacksonville, Fla.
Auditor—T. W. Roby, Jacksonville, Fla.
Gen. Counsel—J. A. Henderson, Tallahassee, Fla.
Gen. Trav. Pass. Ag.—W. G. Coleman, Jacksonville, Fla.
Car Accountant—C. W. Maxwell, Jacksonville, Fla.
Mast. Mech.—W. D. Ballantine, Fernandina, Fla.
Mast. Carp.—C. E. Martin, Jacksonville, Fla.
Land Comm'r—J. E. Tucker, Jacksonville, Fla.
Roadmasters. { B. M. Burroughs, Tallahassee, Fla. / C. E. Marsin, Waldo, Fla.
Transfer Agt.—E. R. Hoadley, New York, N. Y.

290 Florida Midland Ry.

President—John H. Buttrick, Boston, Mass.
Vice-Pres.—Edward Page, Boston, Mass.
Sec. & Treas.—C. C. Read, Boston, Mass.
Gen. Man.—John G. Dawe, Apopka, Fla.
Superintendent—Samuel Corning, Apopka, Fla.
Acting Gen. Fgt. & Pass. Agt. } G. B. Cartwright, Apopka, Fla.
Chief Engineer—E. B. Patten, Kissimee, Fla.

291 Florida Southern Ry.

President—John W. Candler, New York, N. Y.
Vice-Pres.—Mason Young, New York, N. Y.
Superintendent—S. Conant, Palatka, Fla.
Master of Trains—H. A. Ford, Palatka, Fla.
Asst. Supt. St. J. & L. E. Div.—W. B. Denham, Eustis, Fla.
Asst. Supt. Char. Har. Div.—C. H. Bent, Bartow, Fla.

292 Fonda, Johnstown and Gloversville RR.

President—W. J. Heacock, Gloversville, N. Y.
Vice-President—D. A. Wells, Johnstown, N. Y.
Treasurer—John McNab, Gloversville, N. Y.
Sec., Supt. & Purch. Agt. } Lawton Caten, Gloversville, N. Y.
Mast. Mechanic—G. V. Putnam, Gloversville, N. Y.
Gen. Frt. Agt.—M. F. Button, Gloversville, N. Y.

293 Fort Payne and Eastern RR.

President—J. W. Spaulding, Fort Payne, Ala.
Vice-President—D. H. Goodell, Antrim, N. H.
Secretary—C. L. T. Steadman, Boston, Mass.
Manager—C. O. Godfrey, Fort Payne, Ala.
Chief Eng. RR. Dept.—W. T. Carley, Fort Payne, Ala.
Purch. Agent—W. S. Butler, Fort Payne, Ala.

294 Fort Wayne, Cincinnati and Louisville RR. White Water RR.

OFFICERS OF BOTH RAILROADS.

President—Elijah Smith, Boston, Mass.
Sec. & Treas.—P. W. Smith, Boston, Mass.
Gen. Man.—Geo. W. Bradbury, Ft. Wayne, Ind.
Gen. Pass. & Tkt. Agt.—W. H. Fisher, Ft. Wayne, Ind.
Gen. Fgt. Agt.—S. A. Wikel, Ft. Wayne, Ind.
Auditor—J. D. Williams, Ft. Wayne, Ind.
Mast. Mechanic—W. B. McPhail, Ft. Wayne, Ind.
Roadmaster F. W., C. & L. } John P. Ramsey, Ft. Wayne, Ind.
Roadmaster W. W. RR. } C. B. Keller, Cambridge City, Ind.
Master of Transp.—H. Crosby, Ft. Wayne, Ind.
Foreman W. W. RR. Shop—L. Wingert, Harrison, Ind.

295 Fort Worth and Albuquerque RR.

President—Chas. C. Black, Ft. Worth, Tex.
Vice-President—J. W. Zook. Ft. Worth, Tex.
Treasurer—Geo. W. Robinson, Winfield, Kan.
Secretary—W. W. McFarland, Kansas City, Mo.
Purch. Agt.—W. S. Butler, Ft. Payne, Ala.

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296 Fort Worth and Denver City Ry.

President—Morgan Jones, Fort Worth, Tex.
Vice-President—G. M. Dodge, New York, N. Y.
2d Vice-President—C. F. Meek, Denver, Col.
Treasurer—J. G. Jones, Ft. Worth, Tex.
Secretary & Auditor—B. H. Calef, Fort Worth, Tex.
Gen. Supt.—O. O. Winter, Ft. Worth, Tex.
Chf. Engineer—F. E. Bissell, Denver, Col.
Cashier—George Strong, Fort Worth, Tex.
Gen. Fgt. & Pass. Agt.—W. V. Newlin, Ft. Worth, Tex.
Mast. Mech.—John F. White, Fort Worth, Tex.
Fin. & Transfer Agt.—J. T. Granger, New York, N. Y.

297 Fort Worth and Rio Grande Ry.

Pres., Gen. Supt. & Purch. Agt. } John Hornby, Fort Worth, Tex.
Vice-President—C. M. Wicker, New York, N. Y.
Treasurer—J. Van Rensselaer, Fort Worth, Tex.
Sec., Gen. Fgt. & Pass. Agt.—Rich. Lord, Ft. Worth, Tex.
Supt. of Transp.—Joseph E. Scully, Ft. Worth, Tex.
Auditor—A. R. Dixon, New York, N. Y.
Transfer Agents—H. B. Hollins & Co., New York, N.Y.

298 Frankfort and Southeastern RR.

Pres. & Gen. Man.—Henry Day, New York, N. Y.
Auditor—D. M. Wegner, Frankfort, Mich.
Gen. Supt.—Arthur Ward, Frankfort, Mich.

299 Franklin and Megantic RR.

President—V. B. Mead, Boston, Mass.
Treas., Sec. & Gen. Fgt. & Tkt. Agt., } Philip H. Stubbs, Strong, Me.
Gen. Supt. & Aud.—F. S. Mead, Boston, Mass.
Purch. Agent—S. W. Sargent, Boston, Mass.
Mast. Mechanic—W. D. Heath, Salem, Me.

300 Freehold and Atlantic Highlands RR.

President—E. D. Adams, New York, N. Y.
Sec. & Treas.—J. E. Ralph, Freehold, N. J.
See also Central RR. of New Jersey.

301 Freehold and New York Ry.

See Freehold and Atlantic Highlands RR.

302 Fremont, Elkhorn and Missouri Valley RR. Sioux City and Pacific RR.

OFFICERS OF BOTH RAILROADS.

President—Marvin Hughitt, Chicago, Ill.
Vice-Pres., S. C. & P. RR. } M. L. Sykes, New York, N. Y.
Vice-Pres. F., E. & M. V. RR. } Albert Keep, Chicago, Ill.
Treas. & Comptroller—M. M. Kirkman, Chicago, Ill.
Sec. & Auditor—J. B. Redfield, Chicago, Ill.
Auditor of Ex.—W. H. Stennett, Chicago, Ill.
Gen. Counsel—W. C. Goudy, Chicago, Ill.
Gen. Manager—H. G. Burt, Omaha, Neb.
General Supt.—C. C. Hughes, Omaha, Neb.
Gen. Pass. & Ticket Agt. } J. R. Buchanan, Omaha, Neb.
Gen. Fgt. Ag.—K. C. Morehouse, Omaha, Neb.
Asst. Gen. Fgt. Agt.—H. Cassidy, Omaha, Neb.
Gen. Bag. Agt.—O. W. Whittlesey, Missouri Valley, Ia.
Chief Engineer—J. E. Ainsworth, Omaha, Neb.
Gen. Att'y—John B. Hawley, Omaha, Neb.
Purch. Agent—Charles Hayward, Chicago, Ill.
Land Com.—C. E. Simmons, Chicago, Ill.
Mast. Mechanic—S. A. Teal, Missouri Valley, Ia.
Car Acc'tant—C. C. Pardee, Missouri Valley, Ia.
Supt. of Tele.—W. P. McFarland, Missouri Valley, Ia.
Ticket Auditor—W. F. Van Bergen, Chicago, Ill.
Freight Auditor—J. O. Clifford, Chicago, Ill.
Tax Com.—F. P. Crandon, Chicago, Ill.

Division Superintendents—H. C. Mohanna, Fremont, Neb.; E. C. Harris, Norfolk, Neb.; T. B. Seeley, Chadron, Neb.

Master Car Builder—W. H. Ramseyer, Missouri Valley, Ia.

Supt. Bridges & Buildings—F. M. Marsh, Omaha, Neb.

303 Fulton County Narrow-Gauge RR.

Pres. & Gen. Mg.—S. H. Mallory, Chariton, Ia.
Vice-President—Henry Phelps, Lewistown, Ill.
Secretary—D. J. Thayer, Lewistown, Ill.
Treasurer—F. A. Crocker, Chariton, Ia.
G. S. S. M. P. & M.—A. C. Atherton, Lewistown, Ill.
G. F., P. A. & R. M.—A. C. Atherton, Lewistown, Ill.
Auditor—J. D. Temple, Lewistown, Ill.
Gen. Solicitor—John A. Gray, Lewistown, Ill.

304 Gainesville and Dahlonega RR.

Receiver—W. A. Charters, Dahlonega, Ga.
President—W. P. Price, Dahlonega, Ga.
Vice-President—C. C. Sanders, Gainesville, Ga.
Treasurer—James Williams, Gainesville, Ga.
Secretary—H. H. Perry, Gainesville, Ga.
Chief Eng.—J. J. Gaillard, Gainesville, Ga.

305 Galveston and Western Ry.

President—Julius Runge, Galveston, Tex.
Secretary—Wm. Selkirk, Galveston, Tex.
Superintendent—Wm. Davis, San Antonio, Tex.

306 Galveston, Harrisburg and San Antonio Ry.

President—C. P. Huntington, New York, N. Y.
Vice-President—J. Kruttschnitt, Houston, Tex.
Traffic Man.—J. G. Shriever, New Orleans, La.
Sec. & Aud.—John Bagnall, Houston, Tex.
Treasurer—E. J. Huder.
Local Treas.—J. B. Richardson, New Orleans, La.
Gen. Supt.—W. G. Van Vleck, Houston, Tex.
Gen. Fgt., Pass. & Claim Agt. } E. G. Bieker, Houston, Tex.
Asst. Land Com.—George W. Polk, Houston, Tex.
Cashier—L. C. Maniove, Houston, Tex.
Attorney—E. P. Hill, Houston, Tex.
Auditor—John Bagnal, Houston, Tex.
Sup. La. Div.—W. B. Mulvey, Houston, Tex.
Sup. Houston Div.—G. T. McQueeney, San Antonio, Tex.
Sup. San Antonio Div.—W. Murray, San Antonio, Tex.
Gen. Mas. Mech.—J. J. Ryan, Houston, Tex.
Div. M. M. { Geo. Butcher, Houston, Tex.; Ed. Ryan, San Antonio, Tex.; H. Ebert, El Paso, Tex.
Master Car Painter—A. J. Jourde, Houston, Tex.
Fin. Car Shops—I. R. Cade, Houston, Tex.
S. El Paso Div.—R. H. Innes, El Paso, Tex.

307 Genesis and Obed River RR.

(*Projected line*: Deer Lodge *via* Genesis to Bon Air, Tenn., 45 miles; track laid, between Genesis and Obed River, 2 miles; under construction, northeast to Deer Lodge, 15 miles.)

President—Lina Beecher, Genesis, Tenn.
Chief Engineer—J. B. Holmes, Genesis, Tenn.

308 George's Creek and Cumberland RR.

President—Henry Loveridge, New York, N. Y.
Sec. & Treas.—W. De L. Walbridge, New York, N. Y.
Gen. Man. & Purch. Agt. } J. A. Milholland, Cumberland, Md.
Chief Eng.—J. P. Gaffney, Cumberland, Md.
Mast. of Trans.—E. D. Marean, Cumberland, Md.
Road Master—A. F. Seeley, Cumberland, Md.
Mast. of Mach.—Thomas McCann, Cumberland, Md.

309 George's Valley RR.

President—I. C. Thurston, So. Union, Me.
Treasurer—O. A. Burkett, Union, Me.
Secretary—B. Burton, Union, Miss.

310 Georgetown and Western RR.

Vice-President—Wm. Graves, New York, N. Y.
Gen. Pass. Agt.—W. R. Buie, Georgetown, S. C.
Gen. Fgt. Agt.—T. W. Brightman, Georgetown, S. C.

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311 Georgia, Carolina and Northern Ry.

President—R. F. Hoke, Raleigh, N. C.
Gen. Manager.—John C. Winder, Raleigh, N. C.
Treasurer—A. L. Hull, Athens, Ga.
Gen. Frt. & Pass. Agt.—F. W. Clark, Portsmouth, Va.
Superintendent—J. A. Dod-on, Chester, S. C.
Acting Auditor—J. G. Williams, Chester, S. C.
Auditor of Tickets—T. H. Wright, Wilmington, N. C.
Car Accountant—W. P. McGehee, Raleigh, N. C.

312 Georgia, Midland and Gulf RR.

President—J. E. Granniss, New York, N. Y.
Vice-President—J. F. Flournoy, Columbus, Ga.
Secretary & Treas.—T. C. S. Howard, Columbus, Ga.
Gen. Man.—G. G. Jordan, Columbus, Ga.
Gen. Supt., Mast. of Transp. & Purch. Agt.—M. E. Gray, Columbus, Ga.
Chief Eng.—W. S. Greene, Columbus, Ga.
Gen. Ft. & P. A.—Clifton Jones, Columbus, Ga.
Mast. Mech.—J. D. McPhail, Columbus, Ga.
Road Master & Supt. Bridges—J. B. Glover, Columbus, O.

313 Georgia Railroad.

Pres., Gen. Man. & Purch. Agt.—John W. Green, Augusta, Ga.
Treasurer—W. T. Richards, Augusta, Ga.
Superintendent—S. A. Hemphill, Augusta, Ga.
Gen. F. & P. A.—E. R. Dorsey, Augusta, Ga.
Soliciting F. A.—S. W. Wilkes, Augusta, Ga.
Auditor—Carlton Hillyer, Augusta, Ga.
Master Mech.—John S. Cook, Augusta, Ga.
Mast. Car B'r—T. M. Preval, Augusta, Ga.
Road Master—W. M. Robinson, Augusta, Ga.
Train Master—Geo. R. Ferguson, Augusta, Ga.
Track Superv.—John W. Bell, Harlem, Ga.
Track Superv.—John Hobbs, Covington, Ga.
Car Account't—H. W. Wingard, Augusta, Ga.

314 Georgia Southern and Florida RR.

President—W. B. Sparks, Macon, Ga.
Vice-President—H. J. Lamar, Jr., Macon, Ga.
Secretary & Treas.—H. L. Jewett, Macon, Ga.
Gen. Man.—J. Lane, Macon, Ga.
Traffic Manager—A. C. Knapp, Macon, Ga.
Auditor—W. T. Heplin, Macon, Ga.
Gen. Pass. Agt.—J. T. Hoge, Macon, Ga.
Gen. Fgt. Agt.—C. B. Wilburn, Macon, Ga.
Chief Engineer—W. H. Wells, Macon, Ga.
Master Mechanic—T. L. Sewell, Macon, Ga.
Superintendent—S. C. Hoge, Macon, Ga.
Road Master—O. M. Grady, Macon, Ga.

315 Gettysburg and Harrisburg RR.

President—J. C. Fuller, Pine Grove Furnace, Pa.
Treas. & Sec.—John M. Butler, Philadelphia, Pa.
Gen. Supt.—W. H. Woodward, Carlisle, Pa.
Gen. Frt. & Pass. Agt.—Chas. F. Shower, Carlisle, Pa.
Chief Engineer—A. E. Lehman, Carlisle, Pa.
F'man Loco. Reps.—John Christman, Pine G've Fur, Pa.
Foreman Car Reps.—John Failer, Carlisle, Pa.
Mast. Car Painter—P. Filler, Carlisle, Pa.

316 Goodyear, Neillsville and Northern Ry.

President—D. A. Goodyear, Portage, Wis.
Vice-Pres., Gen. Man., Treas. & Pur. Agt.—C. A. Goodyear, Tomah, Wis.
Secretary—A. R. Richardson, Tomah, Wis.
Superintendent—H. Blair, Goodyear, Wis.
Chief Engineer—Y. V. Beebe, New Lisbon, Wis.

317 Grafton and Greenbrier RR.

President—John Bradshaw, Grafton, W. Va.
V.-Pres. & G. M.—J. E. Hall, Philippi, W. Va.
Treasurer—G. W. Gall, Jr., Philippi, W Va.
Secretary—A. G. Dayton, Philippi, W. Va.
A., A. A. & P'ym—J. M. Allen, Grafton, W. Va.

318 Grafton and Upton RR.

President—E. P. Usher, Boston, Mass.
Treasurer—A. G. Moore, Boston, Mass.
Secretary—A. G. Morse, Boston, Mass.
Superintendent—Chas. B. Powers, Grafton, Mass.
Chief Engineer—H. P. Bean, Grafton, W. Va.
Gen. Ft. & Pass. Agt.—Geo. M. Newton, Grafton, Mass.

319 Grand Rapids and Indiana RR.

Pres. & Gen. Man.—W. O. Hughart, G'd Rapids, Mich.
V.-Pres., Treas. & Purch Agt.—W. R. Shelby, Grand Rapids, Mich.
Asst. to Pres. & Sec.—J. H. P. Hughart, Grand Rapids, Mich.
Paymaster—Henry Sullivan, Grand Rapids, Mich.
Gen. Pass. & Tkt. Agt.—C. L. Lockwood, G'd Rap., Mich.
Gen. Freight Agt. & Car Account't—E. C. Leavenworth, Grand Rapids, Mich.
Sup. North. Div.—W. B. Stimson, G'd Rap., Mich.
Sup. South. Div.—P. S. O'Rourke, Ft. Wayne, Ind.
Chief Engineer—G. S. Johnson, Grand Rapids, Mich.
Auditor—F. A. Gorham, Grand Rapids, Mich.
Gen. Bag. Agt.—E. Wygant, Grand Rapids, Mich.
Master Mech.—S. D. Bradley, Grand Rapids, Mich.
Fuel Agent—W. R. Shelby, Grand Rapids, Mich.
Roadmasters—S. G. Scott, Kalamazoo, Mich. J. H. K. Burgwin, Grand Rapids, Mich.

320 Grand Southern Railway of New Brunswick.

President—Thos. Barry, St. George, N. B.
Gen. Manager—J. N. Greene, Bangor, Me.
Sec. & Asst. Gen. Man.—J. E. Lynott, St. George, N. B.
Treasurer—Hugh Ludgate, St. George, N. B.
Supt. Traf. Man. & Eng.—P. W. Holt, St. George, N. B.
Mast. Mechanic—Thomas Logan, St. George, N. B.
Road Master—John Flinton, St. Stephen, N. B.

321 Grand Tower and Cape Girardeau.

President—E. A. Hitchcock, St. Louis, Mo.
Treasurer—O. S. Garrison, St. Louis, Mo.
Superintendent—J. D. Peters, Murphysboro, Ill.
Chief Eng.—P. R. Van Frank, Cape Girardeau, Mo.

322 Grand Tower and Carbondale RR.

President—E. A. Hitchcock, St. Louis, Mo.
V.-Pres. & Treas.—O. L. Garrison, St. Louis, Mo.
Sec. & Supt.—Joseph D. Peters, Carbondale, Ill.
Purch. Agent—S. L. Sherer, St. Louis, Mo.
Mast. Mechanic—John W. Lewis, Murphysboro, Ill.

323 Grand Trunk Ry.

EXECUTIVE OFFICERS.

President—Sir Henry W. Tyler, M. P., Edmonton, Eng.
Secretary—J. B. Renton, London, Eng.

OFFICIALS OF THE SYSTEM.

Gen. Manager—Sir Joseph Hickson, Montreal, Can.
Traffic Manager—L. J. Seargeant, Montreal, Can.
Asst. Manager—Wm. Wainwright, Montreal, Can.
Asst. to Gen. Man.—C. Percy, Montreal, Can.
Treasurer—Robert Wright, Montreal, Can.
Mechanical Supt.—Herbert Wallis, Montreal, Can.
Traffic Auditor—J. F. Walker, Montreal, Can.
Accountant—H. W. Walker, Montreal, Can.
Gen. Fgt. Agt.—John Burton, Montreal, Can.
Gen. Pass. Agt.—William Edgar, Montreal, Can.
Gen. Storekeeper—John Taylor, Montreal, Can.
Solicitors—John Bell, Q. C., Belleville, Ont. Geo. Macrae, Q. C., Montreal, Que. E. W. Meddaugh, Detroit, Mich. Hon. A. A. Strout, Portland, Me.
Through Traffic Fgt. Agt. W. Div.—J. W. Loud, Detroit, Mich.
Local Manager—Edmund Wragge, Toronto, Ont.
Chf. Medical Officer—Dr. T. A. Rodger, Montreal, Que.
Car Accountant—W. H. Rosevear, Montreal, Can.

DIVISION OFFICERS.

Supt. Grand Trunk & N. & N. W. Divisions.—Jas. Stephenson, Montreal, Can.
Supt. G. T. So. Div. West of Toronto—C. Stiff, Hamilton, Ont.

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HALE & KILBURN'S HIGH BACK TILTING CAR SEAT

Over 30,000 in actual use prior to June 1st, 1890, as follows:

	Cars.		Cars.		Cars.
New York Central	179	Philadelphia & Reading	185	New York & New England	72
Baltimore & Ohio	120	New York, Lake Erie & W'n	50	Louisville & Nashville	30
Lehigh Valley	56	Central R. R. of New Jersey	59	Old Colony R. R	33
Duluth, South Shore & Atl.	20	East Tenn., Va. & Georgia	17	Alabama Midland	14
Richmond & Danville	20	Illinois Central	36	Fitchburg Railroad	11

Various other roads ..... 141 cars.

All the above sold since the seat was placed upon the market (January, 1887).

NO CAR SEAT in the History of Railroading CAN EQUAL ITS RECORD.

PLUSH.

ALSO MANUFACTURERS OF

PARLOR CAR CHAIRS with Detachable Seat and Back.

DOUBLE RECLINING SEATS.

FLEXIBLE STEEL TOP CAR SEAT SPRINGS.

RATTAN CANVAS LINED SEATING Etc.

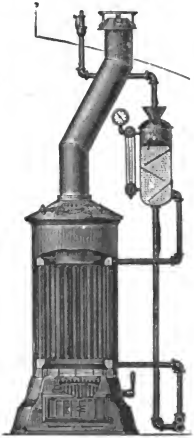
RATTAN.

Chicago Office: 246 Wabash Ave.

THE HALE & KILBURN MFG. CO.

Offices: 48 and 50 North Sixth St., Philadelphia, Pa.

The New Improved Johnson Low Pressure Heater



is the only safety heater now in use, and is constructed with a cast and two wrought iron and steel jackets to hold the boiler in place; four half-inch Norway Iron bolts go from top of Heater down through floor timbers of the car; all the doors are double and securely locked; it is utterly impossible in case of accident to remove it from these jackets if it is crushed or broken. There are 14 quarts of water in the boiler, that will speedily extinguish the fire. We have had several collisions that destroyed the heater; in every case the fire was extinguished immediately.

A basket of snow balls will set a car on fire as soon as the Johnson Heater would.

The Johnson Heater is so arranged as to distribute a mild, uniform heat throughout the car, near to the floor, where heat is most required. The Johnson Heater is the most economical consumer of fuel, the result of careful experiment having demonstrated that, under the same conditions, at least 20° higher temperature can be maintained than with any other now in use, and with the consumption of less than two-thirds the amount of coal.

With our new improvements we will guarantee to keep a temperature of 70° in any weather.

The Johnson Heater positively consumes all the coal gas.

The Johnson Heater was in a blizzard—the thermometer stood at 40° below zero for 6 days, and the temperature of the cars was maintained above 70° during that time.

We beg to refer to the following Railroads: Old Colony, Boston & Albany, Boston & Providence, Boston & Maine, Maine Central, Providence & Worcester, N. Y., L. E & W., Nickel Plate, Michigan Central, West Shore, Ontario & Western.

Address, for Circulars and Price Lists,

JOHNSON HEATER CO.,

54 Devonshire Street, Room 17, BOSTON, MASS.

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323 Grand Trunk Ry.—*Continued.*

Asst. Supt. East. & Champ. Divs. } J. Trenaman, Richmond, Can.
Asst. Supt. Central & Midland Divs. } J. M. Riddell, Belleville, Can.
Asst. Supt. G. T. N.D.W.of Tor. } W. R. Tiffin, Stratford, Ont.
Asst. Supt. N. & N. W. Div. } James Webster, Allandale, Ont.
Asst. Supt. G. T. So. Div. W. of Tor. } Robert Larmour, London, Ont.

Track Department.

Chief Eng. G. T. D.—E. P. Hannaford, Montreal, Que.
Chief Eng. G. W. D.—Jos. Hobson, Hamilton, Ont.
Eng. Mid. Div.—J. G. Macklin, Peterborough, Ont.
Eng. N. & N. W. Div.—H. Holgate, Allandale, Ont.
Asst. Eng. G. T. D.—J. Y. Lloyd, Richmond, Can.
Asst. Eng. G. T. D.—H. B. Hollinshead, Toronto, Ont.
Asst. Eng. G. T. D.—Randolph Clarke, Stratford, Ont.

Assistant Mechanical Superintendents.

Loco. Shops—F. L. Wanklyn, Montreal, Que.
Car Dept.—W. McWood, Montreal, Que.
Eastern Div.—P. Clarke, Richmond, Can.
Western Div.—A. H. Smith, London, Ont.
Loco. Shops—J. D. Barnett, Stratford, Ont.
Central & Northern Div. } J. W. Harkom, Toronto, Ont.

GRAND TRUNK SYSTEM—ASSOCIATED LINES.

Chicago and Grand Trunk Ry.

President—Sir Joseph Hickson, Montreal, Can.
Vice-President—L. J. Seargeant, Montreal, Can.
Asst. to Pres. & Secret'y } Charles Percy, Montreal, Can.
Treasurer—Jas. H. Muir, Detroit, Mich.
Gen. Manager—W. J. Spicer, Detroit, Mich.
Superintendent—A. B. Atwater, Detroit, Mich.
Asst. Supt.—A. R. McIntyre, Battle Creek, Mich.
Traf. Man.—George B. Reeve, Chicago, Ill.
Freight Agent—Jas. McQueen, Jr., Detroit, Mich.
Ass't. Gen. Frt. Agt.—David Brown, Chicago, Ill.
Gen. Pass. & Tick. Agt.—W. E. Davis, Chicago, Ill.
Gen. Bag. Agt.—J. E. Quick, Detroit, Mich.
Chief Engineer—G. Masson, Detroit, Mich.
Asst. Engineer—E. French, Battle Creek, Mich.
Mechanical Supt.—H. Roberts, Detroit, Mich.
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Gen. Storekeeper & Pur. Agent } J. S. Lorimer, Detroit, Mich.
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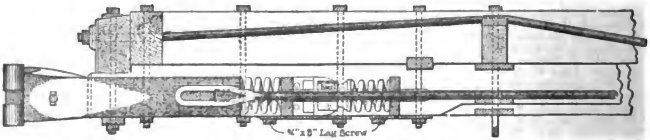

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Joint Receivers for Texas Central Ry.—B. G. Clarke, New York, N. Y., and Charles Dillingham, Houston, Tex.
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Vice-President—Charles Dillingham, Houston, Tex.
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Asst. Auditor—J. C. Kidd, Houston, Tex.
Treasurer—E. W. Cave, Houston, Tex.
Asst. Treasurer—W. Cameron, Houston, Tex.
Chief Eng. & Gen. Supt.—G. A. Quinlan, Houston, Tex.
Eng. & Supt. N. W. Br.—J. M. Lee, Walnut Springs, Tex.
Supt. First Div.—A. W. Littig, Houston, Tex.
Supt. Second Div.—L. A. Duffan, Corsicana, Tex.
Gen. Pass. & Tkt. Agt.—A. Faulkner, Houston, Tex.
Gen. Freight Agent—Daniel Ripley, Houston, Tex.
Asst. Gen. Fgt. Agt.—H. A. Jones, Houston, Tex.
Transfer Agents { Geo. Watkins, New York, N. Y. / H. Hall, Houston, Tex.
Master Mechanic—L. C. Noble, Houston, Tex.
Master Car Bldr.—James McGee, Houston, Tex.
Land Agent.—C. C. Gibbs, Houston, Tex.
Supt. of Teleg.—W. L. Bisbee, Houston, Tex.

348 Houston Belt and Magnolia Park Ry.

President—J. T. Brady, Houston, Tex.
Sec. & Treas.—C. H. Milby, Houston, Tex.

349 Houston, Central Arkansas & Northern RR.

(*Projected line:* Pine Bluff, Ark., to Houston, Tex.; track laid, Monroe to Columbia, La., 20 miles.)

President—W. A. Bright, Little Rock, Ark.
Superintendent—James B. Greene, Monroe, La.

350 Houston, East and West Texas Ry.

President—John C. Short, New York, N. Y.
Vice-President—S. K. McIlhenny, Houston, Tex.
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Superintendent—J. C. Matthews, Houston, Tex.
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Supt. Telegraph—J. C. Hill, Houston, Tex.
Master Car Builder—E. A. Campbell, Houston, Tex.
Road Master—J. L. Walsh, Houston, Tex.
Road Master—P. Burke, Houston, Tex.

351 Humeston and Shenandoah RR.

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Treasurer—James F. How, St. Louis, Mo.
Asst. Treas. & Auditor—J. H. Ells, Clarinda, Ia.
G. M., Sec. & Pur. Agt.—Erskine C. Murphy, Clarinda, Ia.
Gen. Frt. & Pass. Agt.—H. S. Nelson, Clarinda, Ia.
Master Mechanic—G. Knapp, Shenandoah, Ia.
Road Master—David McGreevy, Clarinda, Ia.
Train Master—E. P. Griffin, Clarinda, Ia.

352 Huntingdon and Broad Top Mountain RR.

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Sec. & Treas.—J. P. Donaldson, Philadelphia, Pa.
General Manager—G. F. Gage, Huntingdon, Pa.
Consulting Engineer—John Fulton, Johnstown, Pa.
Master Mechanic—C. R. Yohn, Saxton, Pa.
Pay Mas. & Pur. Agt.—S. B. Knight, Philadelphia, Pa.
Road Master—W. A. Hummel, Huntingdon, Pa.
Supt. Bridges—E. C. Fritchey, Huntingdon, Pa.

353 Hutchinson and Southern RR.

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Vice-Pres.—G. A. Wulkop, Chicago, Ill.
Sec., Treas. & Gen. Man.—E. E. Wise, Chicago, Ill.
Traffic Man.—Chas. Collins, Hutchinson, Kan.
Auditor—E. G. Dick, Hutchinson, Kan.

354 Idaho Central RR.

Gen. Manager—J. F. Curtis, Boise City, Indaho.
Superintendent—E. S. Van Kuran, Boise City, Idaho.

355 Illinois and St. Louis RR.

See Louisville, Evansville and St. Louis Ry., Consolidated.

356 Illinois Central System.

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Vice-President—E. H. Harriman, New York, N. Y.
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Gen. Solicitor—Jas. Fentress, Chicago, Ill.

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Aud. of Pass. Receipts—A. D. Joslin, Chicago, Ill.
Supt. Car Serv.—E. M. Horton, Chicago, Ill.
Aud. of Disbursements—Isaac Anderson, Chicago, Ill.
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Asst. Trav. Auditor—W. Q. Cole, Water Valley, Miss.
Asst. Trav. Auditor—W. S. Pinny, Chicago, Ill.
Asst. Trav. Auditor—Walter Newell, Chicago, Ill.
Car Acc't—W. C. Leiferman, Chicago, Ill.
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Gen. So. Pass. Agt.—Wm. Murray, New Orleans, La.
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Gen. Frt. Agts. { Horace Tucker, Chicago, Ill. / D. B. Morey, New Orleans, La.
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Asst. Gen. Frt. Agt.—W. R. Bascom, Dubuque, Ia.
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Supt. Northern Lines—E. G. Russell, Chicago, Ill.
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Amboy Div.—J. C. Jacobs, Amboy, Ill.
Asst. Amboy Div.—C. A. Holt, Amboy, Ill.
Wisconsin Div.—D. S. Bailey, Rockford, Ill.
Springfield Div.—G. W. Hatter, Springfield, Ill.
Pontiac Div.—H. L. Frisbie, Pontiac, Ill.
Supt. Rant. L.—E. G. Russell, Chicago, Ill.
Dubuque Div.—F. W. Quimby, Dubuque, Ia.
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Mississippi Div.—H. W. Clarke, Jackson, Tenn.
La. & Yazoo Div.—J. M. Turner, New Orleans, La.
Memphis Div.—J. B. Kemp, Memphis, Tenn.

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Supt. Car Service—E. M. Horton, Chicago, Ill.
Master Carp.—Wm. Harper, Chicago, Ill.
Supv. Bridges—A. G. French, Chicago, Ill.
Supt. Teleg.—C. S. Jones, Chicago, Ill.
Supt. Teleg.—George M. Dugan, Jackson, Tenn.
Chief Engineer—L. T. Moore, Chicago, Ill.
Land Commissioner—L. P. Morehouse, Chicago, Ill.

Master Mechanics—C. S Clarke, Chicago, Ill.; J. B. Edams, Amboy, Ill.; Wm. Griffin, Clinton, Ill.; J. T. Jones, Rantoul, Ill.; T. W. Place, Waterloo, Ia.; T. J. Price, Water Valley, Miss.; W. B. McKenna, McComb, Miss.

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Gen. Frt. & Pass. Agt.—J. S. Lazarus, Indianapolis, Ind.
Chief Engineer—R. L. Vansant, Indianapolis, Ind.
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359 Indiana and Illinois Southern RR.

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Cons. Engineer—A. B. Fitch, Terre Haute, Ind.
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Train Master—W. R. Bottenfield, Sullivan, Ind.
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360 Indiana, Illinois and Iowa RR.

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Car Accountant—E. S. Papin, Kankakee, Ill.

361 Ingalls, White Rapids and Northern RR.

President—John Bagley, Chicago, Ill.

362 International & Great Northern RR., and Galveston, Houston and Henderson RR.

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Gen. Attorneys—Chilton & Duncan, Tyler, Tex.
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Traffic Manager—J. E. Galbraith, Palestine, Tex.
Gen. Auditor—C. G. Warner, St. Louis, Mo.
Auditor—W. L. Maury, Palestine, Tex.
Cashier—A. R. Howard, Palestine, Tex.
Resident Eng.—C. P. Matlock, Palestine, Tex.
Sec. & Treas.—D. S. H. Smith, St. Louis, Mo.
Asst. Sec. & A. Treas.—H. B. Henson, New York, N. Y.
Gen. Supt.—T. G. Golden, Palestine, Tex.
Asst. Gen. Fgt. Agt.—J. B. Bartholomew, Palestine, Tex.
Asst. G. P. & T. Agt.—D. J. Price, Palestine, Tex.
Trav. Fgt. Agt.—B. W. Walker, Belton, Tex.
Trav. Pass. Agt.—C. E. Wood, Palestine, Tex.
Gen. En. Fgt. Agt.—H. C. Logan, New York, N. Y.
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Comml. Agents { W. S. Adair, Dallas, Tex. / Horace Booth, Tyler, Tex.

362 International & Great Northern RR., and Galveston, Houston and Henderson RR.—*Continued.*

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Supt. Car Dept.—W. P. Siddons, Palestine, Tex.
Master Mech.—F. Huffsmith, Palestine, Tex.
Purch. Agent—E. M. Alvord, Palestine, Tex.
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Treasurer—B. P. Macdonald, Sedalia, Mo.
Secretary—R. B. Hawley, Galveston, Tex.

(Other officers same as I. & G. N. RR.)

363 Iowa Central Ry.

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Vice-President—H. J. Morse, New York, N. Y.
Sec. & Transfer Agt.—G. R. Morse, New York, N. Y.
Treasurer—E. H. Perkins, New York, N. Y.
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Traffic Man.—A. F. Banks, Marshalltown, Ia.
Superintendent—J. H. Redmon, Marshalltown, Ia.
Gen. Fgt. & Pas. Agt.—A. F. Banks, Marshalltown, Ia.
Asst. Gen. Pass. Agt.—T. P. Barry, Marshalltown, Ia.
Asst. Gen. Fgt. Agt.—Jas. Mahoney, Marshalltown, Ia.
Master Mech.—M. C. Wheeler, Marshalltown, Ia.
Mast. Car B'r.—E. E. Carver, Marshalltown, Ia.
Purch. Agt.—R. A. Dugan, Marshalltown, Ia.
Chief Engineer—George A. Pruden, Marshalltown, Ia.
Auditor—E. S. Benson, Marshalltown, Ia.
Local Treas.—Seth Zug, Marshalltown, Ia.
Supt. of Bridg.—O. J. Travis, Marshalltown, Ia.
Supt. of Tel.—G. N. Gish, Marshalltown, Ia.
Gen. Solicitor—A. C. Daly, Marshalltown, Ia.
Car Acc'nt—S. T. Cammack, Marshalltown, Ia.
Storekeeper—L. W. Newton, Marshalltown, Ia.
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364 Iowa Northern Ry.

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Vice-President.—D. Ryan, Newton, Ia.
Sec. & Treas.—George A. Goodrich, Colfax, Ia.
Gen. Man., Gen. Supt. & Pur. Agt., *Road Master*—E. H. Spidle, Colfax, Ia. } D. S. Conch, Colfax, Ia.

365 Iron Railway.

President—E. E. Floyd, New York, N. Y.
Sec. and Treas.—A. Eugene Sargent, Boston, Mass.
Gen. Mgr. & Purch. Agt.—C. C. Clarke, Ironton, O.
Master Mechanic—George Myers, Ironton, O
Auditor—B. S. Garvey, Ironton, O.
Foreman Loco. Repairs—Geo. A. Meyers, Ironton, O.

366 Irondale, Bancroft and Ottawa Ry.

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Vice-Pres. & Gen. Mgr.—C. J. Pusey, Irondale, Ont.
Secretary—Thomas Shorties, Toronto, Ont.
Treasurer—P. Howland, Toronto, Ont.
Chief Engineer—Chas. Hutchinson, Irondale, Ont.

367 Ironton Railroad.

President—Samuel Thomas, Catasauqua, Pa.
Treas. & Sec.—J. T. Knight, Easton, Pa.
Superintendent—William Andrews, Ironton, Pa.

368 Isbell and Iron Mountain Ry.

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Vice-President—J. B. Boyd, Quincy, Ill.
Treasurer—S. A. Blasland, Quincy, Ill.
Secretary—W. H. Nance, Russellville, Ala.
Chief Engineer—J. E. Isbell, Isbell, Ala.

369 Ithaca, Auburn and Western RR.

President—Sumner R. Stone, 58 Pine Street, New York.
Gen. Superintendent—Frederick T. Peet, Auburn, N. Y.
Sec. & Treas.—E. M. Barnes, 111 William Street, N. Y.
A., Gen. Fgt. & Pass. Agt.—O. E. Wood, Auburn, N.Y.
Master Mechanic—John Barry, Auburn, N. Y.

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Vice-President—S. B. Hubbard, Jacksonville, Fla.
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Treasurer—H. S. Ely, Jacksonville, Fla.
Superintendent—Julius Hayden, Jacksonville, Fla.
Auditor—J. E. Hart, Jacksonville, Fla.
Gen. Frt. Agt.—Jas. I. Munoz, Jacksonville, Fla.
Foreman of Loc. & Car Repairs—J. E. Clark, Jacksonville, Fla.

371 Jackson'v'le, Mayport and Pablo Ry. and Navigation Co.

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Gen. Supt. & Purch. Agt.—H. S. Ming, Jacks'le, Fla.
Sec'y & Treas.—C. F. Warner, Jacksonville, Fla.
Auditor—L. S. Olmstead, Jacksonville, Fla.

372 Jacksonville South-Eastern Line.

President—W. S. Hook, Jacksonville, Ill.
Sec., Aud. & Treas.—Marcus Hook, Jacksonville, Ill.
Superintendent—D. W. Rider, Jacksonville, Ill.
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Asst. Gen. Fgt. Agt.—E. A. Nixon, Jacksonville, Ill.
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Road Master—W. H. Sheedy, Jacksonville, Ill.
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373 Jacksonville, Tampa & Key West System and East Coast Lines.

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Vice-Pres.—Mason Young, 10 Wall Street, N. Y.
Sec. & Treas.—C. C. Deming, 10 Wall Street, N. Y.

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Vice-Pres.—Mason Young, 10 Wall St., New York.
Secretary—Charles C. Deming, 10 Wall St., New York.
Treasurer—F. Q. Brown, 40 Water St., Boston, Mass.

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Sec. & Treas.—C. C. Deming, 10 Wall St., New York.

Indian River Steamboat Co.

President—Mason Young, 10 Wall St., New York.
Sec. & Treas.—Chas. C. Deming, 10 Wall St., N. Y.

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Asst. Gen. Man. & Acting Supt.—C. O. Parker, Jacksonville, Fla.
Gen. Counsel & Land Com.—J. R. Parrott, Jacksonville, Fla.
Supt. F. S. Ry.—Sherman Conant, Palatka, Fla.
Supt. J., St. A. & H. R.—W. L. Crawford, St. Augustine, Fla.
Supt. I. R. S. Co.—W. B. Watson, Titusville, Fla.
Asst. Supt. F. S.—W. B. Denham, Eustis, Fla.
Asst. Supt. Charlotte Harbor Division.—C. H. Bent, Bartow, Fla.
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Gen. Frt. Agt. J., St. A. & H. R.—W. J. Jarvis, St. Augustine, Fla.
Gen. Pass. Agt.—G. D. Ackerly, Jacksonville, Fla.
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Cashier J., St. A. & H. R.—W. H. Chambers, St. Augustine, Fla.

374 Jamesville and Washington RR.

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Gen. Manager—Samuel O. Stokes, Philadelphia, Pa.
Secretary—H. T. Fenton, Philadelphia, Pa.
Treasurer—James Work, Philadelphia, Pa.
Gen. Supt—Wm. H. Littler, Jamesville, N. C.
Aud. & Gen. Frt. & Pass. Agt.—J. E. Lawrence, Jamesville, N. C.
Road Master—J. E. Roberson, Jamesville, N. C.

375 Joggins Railway.

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Vice-Prest.—Geo. Hibbard, Lower Cove, N. S.
Engineer—R. C. Boxall, Maccan, N. S.

376 Johnsonburg RR.

President—J. Bayard Henry, Philadelphia, Pa.
Sec. & Treas.—Francis S. Lewis, Philadelphia, Pa.

377 Jones Mountain RR.

President—Fred. W. Jones, Jonesburg, N. Y.
Gen. Manager—C. McKinstry, Hudson, N. Y.
Gen. Supt.—Luther Shute, Jonesburg, N. Y.
Chief Engineer—Wm. Young, Jonesburg, N. Y.
Mast. Mech. & Car Rep.—Jos. Garrity, Jonesburg, N. Y.
Road Master—Gilbert Rockafellow, Jonesburg, N. Y.

378 Junction RR.

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Treasurer—Robert Craven, Philadelphia, Pa.
Superintendent—W. F. Lockard, Philadelphia, Pa.
Engineer—A. Feidpauche, Philadelphia, Pa.

379 Kaaterskill RR.

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Mast. Car Bldr. & R.M.—J. H. Decker, Rondout, N. Y.

380 Kanawha Ry.

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Sec. & Treas.—George W. Shonk, Wilkesbarre, Pa.

381 Kanawha and Coal River RR.

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Sec'y & Treas.—Robert McDonald, Cumberland, Md.
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Mast. Mech.—W. F. Kain, Spring Hill, W. Va.
Road Master—D. J. Cavin, Spring Hill, W. Va.

382 Kanawha and Michigan Ry.

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Vice-Pres.—E. K. Robinson, New York, N. Y.
Sec. & Treas.—W. P. Palmer, New York, N. Y.
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Chf. Eng.—H. D. Whitcomb, Charleston, W. Va.
Res. Eng.—C. K. McDermott, Charleston, W. Va.
Auditor—L. D. Kelley, Charleston, W. Va.
Gen. Pass. & Frt. Agt.—G. J. Ermlich, Charleston, W. Va.
Road Master—N. P. Baker, Charleston, W. Va.

383 Kankakee and Seneca RR.

President—T. P. Bonfield, Kankakee, Ill.
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Secretary—E. F. Osborn, Cincinnati, O.
Superintendent—G. W. Bendeg, Indianapolis, Ind.
(Other officers same as C., C. C. & St. L. Ry. Co.)

384 Kanona and Prattsburg RR.

President—Martin Pinney, Prattsburg, N. Y.
Treasurer—A. K. Smith, Prattsburg, N. Y.
Secretary—J. K. Smith, Prattsburg, N. Y.
Gen. Supt. & Chf. Eng.—J. G Baker, Prattsburg, N. Y.
Supt.—Chas. M. Renchan, Renchau Mills, N. Y.
Gen. Fgt. Agt.—Frank Rowe, Kanona, N. Y.
Mast. Car Rep.—Geo. Thomas, Wheeler, N. Y.

385 Kansas and Arkansas Valley Ry.

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Vice-Pres. & Gen. Man.—S. H. H. Clark, St. Louis, Mo.
Secretary & Treas.—A. H. Calef, New York, N. Y.
Asst. Sec. & Treas.—Thos. Essex, Little Rock, Ark.
Gen. Auditor—C. G. Warner, St. Louis, Mo.
Gen. Supt.—R. E. Ricker, St. Louis, Mo.
Gen. Pass. & Tkt. Agt.—H. C. Townsend, St. Louis, Mo.
Gen. Fgt. Agt.—C. A. Parker, St. Louis, Mo.

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Continued.

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Chief Engineer—J. W. Way, St. Louis, Mo.
Master Mechanic—Frank Reardon, Baring Cross, Ark.
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388 Kansas City Belt Ry.

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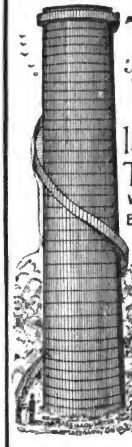

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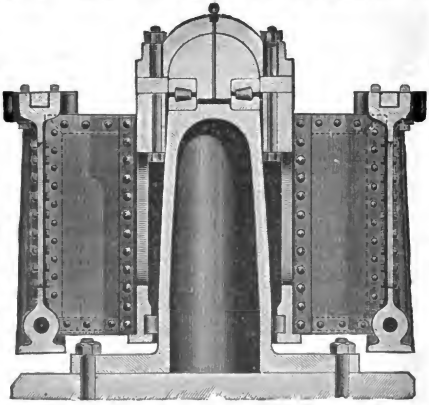

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Master Transp.—J. T. Arnold, Lexington, Ga.
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Transfer Agt.—A. Little, Crawford, Ga.

436 Ligonier Valley RR.

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Gen. Manager—T. A. Mellon, Pittsburgh, Pa.
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Cashier Eastern Div.—S. E. Cheeseman, Cincinnati, O.
Cashier Western Div.—S. Young, Louisville, Ky.
Auditor E. Div.—L. B. Lewis, Jr., Cincinnati, O.
Auditor W. Div.—J. W. Baird, Louisville, Ky.
Gen. Fgt. Agt. E. Div.—C. L. Brown, Cincinnati, O.
Gen. Pass. Agt. E. Div.—S F. B. Morse, Cincinnati, O.
Gen. Fgt. Agt. W. Div.—B. F. Mitchell, Louisville, Ky.
Gen. Pass. Agt. W. Div.—W. H. Prouty, Louisville, Ky.
Mast. of Transp. E. D.—J. L. Hawkins, Lexington, Ky.
Mast. of Transp. W. D.—J. F. Klepper, Paducah, Ky.
Supt. Mot. Power E. D.—W. T. Smith, Lexington, Ky.
Supt. Mot. Power W. D—J. W. Luttrell, Paducah, Ky.
Supt. W. Div.—Jas. L. Frazier, Louisville, Ky.
Supt. Rd. Dept. W. Div.—A. T. Sabin, Louisville, Ky.
Chief Engineer—J. P. Nelson, Lexington, Ky.
Purchasing Agent—H. E. Huntington, Covington, Ky.

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552 New York and Long Branch RR.

President—Geo. F. Baker, New York, N. Y.
Controller—S. M. Williams, New York, N. Y.
Treasurer—J. W. Watson, New York, N. Y.
Secretary—Samuel Knox, New York, N. Y.
Supt., Gen. Fgt., Pass. & Purch. Agt.—Rufus Blodgett, Long Branch, N. J.
Eng. Main. of Way—H. B. Hannard, Long Branch, N. J.
Res. Engineer—L. D. Bruyn, Red Bank, N. J.
Auditor—Thomas D. Maurer, Long Branch, N. J.
Supt. Teleg.—Robert Stewart, Elizabeth, N. J.

553 New York and Massachusetts RR.

President—Geo. P. Pelton, Poughkeepsie, N. Y.
Vice-President—Henry D. Cone, Stockbridge, Mass.
Sec. & Treas.—Edward Elsworth, Poughkeepsie, N. Y.
Gen. Supt., Fgt. & Purch. Agt.—J. A. Perkins, Poughkeepsie, N. Y.
Master Mech.—J. H. Burghardt, Poughkeepsie, N. Y.
Road Master—J. D. Neal, Poughkeepsie, N. Y.

554 New York and New England RR.

President—J. A. Bostwick, New York, N. Y.
Vice-President—Wm. A. Haskell, Boston, Mass
Secretary—J. W. Perkins, Boston, Mass.
Treasurer—Geo. B. Phippen, Boston, Mass.
Gen. Counsel—Chas. A. Prince, Boston, Mass.
Gen. Manager—Chas. Howard, Boston, Mass.
Paymaster—I. W. Foster, Boston, Mass.
General Supt.—A. A. Jackson, Boston, Mass.
Gen. Pass. & Tkt. Agt.—A. C. Kendall, Boston, Mass.
Gen. Fgt. Agt.—Geo. F. Randolph, Boston, Mass.
Auditor—W. H. Dudley, Boston, Mass.
Treas. Nor. & West. Div.—M. M. Whittemore, Norwich, Ct.
Gen. Bag. Agt.—G. F. Ingalls, Boston, Mass.
Transfer Agents—Boston S. D., & T. Co., Boston, Mass. Central Trust Co., New York, N. Y.
Chief Engineer—L. B. Bidwell, Boston, Mass.
Asst. Chief Engineer—G. T. Sampson, Boston, Mass.
Asst. Engineers—H. C. Keith, Boston, Mass. P. F. O'Brien, Boston, Mass.
Gen. Road Master—Samuel Letchworth, Boston, Mass.
Purch. Agent—R. E. Rockwell, Boston, Mass.
Supt. Mot. Pow.—Albert Griggs, Boston, Mass.
Supt. Prov. Div.—L. W. Palmer, Providence, R. I.
Supt. East. Div.—R. E. Ravenson, Boston, Mass.
Supt. N. & W. Div.—P. St. M. Andrews, Norwich, Conn.
Supt. Woon. Div.—E. H. Tucker, Needham, Mass.
Supt. West. Div.—C. N. Chevalier, Fishkill, N. Y.
Supt. Hart. Div.—C. B. Phelps, Hartford, Ct.
Gen. Agent—Frank N. McClure, New York, N. Y.
Div. Fgt. Agent—H. Hyde, Boston, Mass.
Div. Fgt. Agent—C. M. Bowman, Hartford, Conn.
Div. Fgt. Agent—George A. Harris, Norwich, Conn.
Supt. Teleg.—G. L. Lang, Boston, Mass.
Master Mech.—E. M. Humstone, Hartford, Conn.
Master Mech.—S. T. Whaley, Norwich, Conn.
Car Acct.—W. H. Boss, Boston, Mass.

555 New York and Northern Ry.

President—R. S. Hayes, New York, N. Y.
Vice-President—H. F. Dimock, New York, N. Y.
Secretary & Treas.—G. G. Haven, Jr., New York, N. Y.
Auditor—Wm. A. Basley, Yonkers, N. Y.
Gen. Supt.—H. H. Vreeland, High Bridge, N. Y.
Purch. Agt.—G. G. Haven, Jr., New York, N. Y.
Transfer Agt.—Continental Nat. Bank, New York, N. Y.
Master Mach.—Thomas Millen, High Bridge, N. Y.
Road Master—H. C. Moore, High Bridge, N. Y.
Forem. Mach. S.—L. W. Hewitt, High Bridge, N. Y.
Forem. Car Sh.—J. J. Mann, High Bridge, N. Y.
Forem. Paint Sh.—C. Smart, High Bridge, N. Y.

556 New York and Ohio RR.

(*Projected Line:* Hudson, O., to Greenville, Pa., 75 miles; under construction.)

President—D. M. Yeomans, 35 Wall St., New York, N. Y.
Vice-President—Horace Scott, Louisville, Ky.

557 New York and Rockaway Beach Ry.

President—Austin Corbin, New York, N. Y.
Vice-President—J. R. Maxwell, New York, N. Y.
2d Vice-Pres.—Benj. Norton, Long Island City, N. Y.
Sec. & Aud.—J. Carlsen, Long Island City, N. Y.
Treasurer—H. Graves, New York, N. Y.
Gen. Supt.—I. D. Barton, Long Island City, N. Y.
Superintend't—Wm. E. Burroughs, Rockaway Bh., N. Y.
Master Mech.—C. A. Thompson, Long Island City, N. Y.
Supt. of Roadway—P. D. Ford, Long Island City, N. Y.
Purch. Agt.—G. L. Hubbell, Long Island City, N. Y.
Transfer Agt.—F. McDonough, New York, N. Y.

558 New York and Sea Beach Ry.

Man. Director, Sec. & Treas.—Alrick H. Man, New York, N. Y.
A. G. P. F. & P. A.—Jas. T. Nelson, New York, N. Y.
Superintendent—Frank Jacobus, Bay Ridge, L. I.
Master Mechanic—Jno. Van Ness, Bay Ridge, L. I.

559 New York Central and Hudson River RR.

Chairman of Board—Cor. Vanderbilt, New York, N. Y.
President—Chauncey M. Depew, New York, N. Y.
1st Vice-Pres.—Charles C. Clarke, New York, N. Y.
2d Vice-Pres.—Horace J. Hayden, New York, N. Y.
3d Vice-Pres.—H. Walter Webb, New York, N. Y.
Gen. Traffic Man.—Nathan Guilford, New York, N. Y.
Secretary—E. D. Worcester, New York, N. Y.
Treasurer—E. V. W. Rossiter, New York, N. Y.
Asst. Treasurer—Geo. S. Prince, New York, N. Y.
Comptroller—John Carstensen, New York, N. Y.
Gen. Manager.—John M. Toucey, New York, N. Y.
Gen. Supt.—Theodore Voorhees, New York, N. Y.
Gen. Frt. Agt.—E. Clark, Jr., New York, N. Y.
Asst. G. F. Agt.—S. Goodman, New York, N. Y.
A. G. F. A. (H. D.)—J. R. Collins, New York, N. Y.
G. E. F. A.—R. L. Crawford, New York, N. Y.
Gen. Live Stck. A.—John B. Dutcher, New York, N. Y.
Gen. Pass. Agt.—Geo. H. Daniels, New York, N. Y.
Asst. G. P. Agt.—E. J. Richards, New York, N. Y.
Chief Engineer—Walter Katté, New York, N. Y.
Gen. Counsel—Frank Loomis, New York, N. Y.
Attorney—C. T. Titus, New York, N. Y.
Tax Agent—F. Hinchey, New York, N. Y.
Aud. of Disb.—F. C. Root, New York, N. Y.
A. A. of Disbrs.—W. W. Anstey, New York, N. Y.
Aud. of P. Act.—J. F. Fairlamb, New York, N. Y.
Asst. Aud. P. A.—J. C. Wolfe, New York, N. Y.
Aud. F. Acct.—W. B. Pollock, New York, N. Y.
Asst. Aud. F. A.—Downer Adams, New York, N. Y.
Car Acct.—C. H. Ewings, New York, N. Y.
Purch. Agent—Charles Reed, New York, N. Y.
Paymaster—J. L. Burdett, New York, N. Y.
Supt. Teleg.—S. K. Ripley, Poughkeepsie, N. Y.
Sup. M. P. & R. S.—William Buchanan, New York, N. Y.
Gen. Bag. Agt.—Frank J. Wolfe, Albany, N. Y.
Asst. G. B. A.—S. McCully, New York, N. Y.
Gen. Road Mast.—William D. Otis, E. Albany, N. Y.
Supt. Harlem D.—Geo. H. Worcester, White Plains, N. Y.
Supt. M. & H. D.—Charles M. Bissell, Albany, N. Y.
Supt. W. Div.—George H. Burrows, Buffalo, N. Y.
A. S. M. & H. Div.—J. H. Phyfe, Albany, N. Y. F. A. Harrington, Albany, N. Y.
Asst. M. & H. D.—F. H. Phillips, Little Falls, N. Y.
Asst. S. W. D.—Henry Goold, Rochester, N. Y.
Depot Master—C. H. Platt, New York, N. Y.

Master Mechanics—Peter McQueen Gibson, West 31st St., New York City; James Buchanan, West Albany, N. Y.; S. L. White, Syracuse, N. Y.; A. Gould, East Buffalo, N. Y.

Master Car Builders—L. Packard, West Albany, N. Y.; Peter Smith, East Rochester, N. Y.; E. Chamberlain, East Buffalo, N. Y.; W. H. Wolfrath, New York, N. Y.

(*a*) *West Shore RR.*

President—C. M. Depew, New York, N. Y.
V.-P. & Gen. Counsel—Ashbel Green, Tenafly, N. J
Gen. Manager—J. D. Layng, New York, N. Y.
Treasurer—E. V. W. Rossiter, New York, N. Y.
Comptroller—John Carstensen, New York, N. Y.
Auditor Dis.—F. C. Root, New York, N. Y.
Car Accountant—W. G. Wattson, Weehawken, N. J.

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559 New York Central and Hudson River RR.—*Continued.*

Aud. Frt. Accts.—W. B. Pollock, New York, N. Y.
Aud. Pass. Accts.—J. F. Fairlamb, New York, N. Y.
Gen. Traffic Man.—J. W. Musson, New York, N. Y.
Gen. Supt.—C. W. Bradley, Weehawken, N. J.
Gen. Frt. A.—Percy R. Todd, New York, N. Y.
Gen. Pass. Agt.—Chas. E. Lambert, New York, N. Y.
Gen. Bag. Agt.—G. W. Clymans, Weehawken, N. J.
Gen. Bag. Agt.—F. J. Wolfe, Albany, N. Y.
Purch. Agent—Charles Reed, New York, N. Y.
Chief Engineer—Walter Katté, New York, N. Y.
S. Tel. & Signals—J. B. Stewart, Weehawken, N. J.
Div. Supts. { J. P. Bradfield, Kingston, N. Y. / D. B. McCoy, Syracuse, N. Y.
Supt. M. P. & R. S.—W. Buchanan, New York, N. Y.
As. S. M. P. & R. S.—J. M. Boon, Frankfort, N. Y.
Master Mech. { James Macbeth, Buffalo, N. Y. / Thomas Aldcorn, New Durham, N. Y.
Div. R. Ms. { Robert Brock, Kingston, N. Y. / D. E. Dale, Newark, N. Y.

(b) *Dunkirk, Allegheny Valley and Pittsburgh RR.*

President—C. M. Depew, New York, N. Y.
Secretary—D. W. Pardee, New York, N. Y.
Treasurer—E. V. W. Rossiter, New York, N. Y.
Gen. Supt., Pass., Frt. & Purch. Agt. { Darwin Thayer, Dunkirk, N. Y.
Asst. Supt.—C. A. Clute, Dunkirk, N. Y.
Auditor & Cashier—C. G. Thayer, Dunkirk, N. Y.
Mast. Mech.—J. C. Haggatt, Dunkirk, N. Y.
Road Master—J. E. Irwin, Fredonia, N. Y.

560 New York, Chicago and St. Louis RR.

Ch. of Board—W. K. Vanderbilt, New York, N. Y.
President—D. W. Caldwell, Cleveland, O.
Sec. & Treas.—Allyn Cox, New York, N. Y.
Asst. Treas.—H. Hammersley, Cleveland, O.
Gen. Supt.—Lewis Williams, Cleveland, O.
Gen. Counsel—S. E. Williamson, Cleveland, O.
Gen. Fgt. Agt.—G. B. Spriggs, Cleveland, O.
Gen. Pass. Agt.—B. F. Horner, Cleveland, O.
Auditor—J. P. Curry, Cleveland, O.
Purch. Agent—M. M. Rodgers, Cleveland, O.
Paymaster—E. A. Conger, Cleveland, O.
S. Motive Power—John Mackenzie, Cleveland, O.
Supt. Teleg.—G. T. Williams, Cleveland, O.
Car Account't—John M. Daly, Cleveland, O.
Transfer Agt.—L. H. King, New York, N. Y.

Eastern Division.

Superintendent—A. W. Johnston, Cleveland, O.
Engineer—G. W. Vaughan, Cleveland, O.
Master Mech.—E. A. Miller, Conneaut, O.
Supervisors { John Clark, Buffalo, N. Y. / James Roach, Conneaut, O. / C. R. Shepherd, Cleveland, O.
Bridge Supervisor—I. Cole, Cleveland, O.

Western Division.

Superintendent—C. D. Gorham, Ft. Wayne, Ind.
Engineer—W. M. Pardee, Ft. Wayne, Ind.
Master Mech.—T. B. Hindel, Stoney Island, Ill.
Supervisors { D. McCarthy, Bellevue, O. / John McBonnell, Ft. Wayne, Ind. / J. W. Murphy, Valparaiso, Ind.
Bridge Supervisor—Jas. Rodgers, Ft. Wayne, Ind.

561 New York, Lake Erie & Western RR.

(General office, 21 Cortlandt St., New York, N. Y.)

President—John King, New York, N. Y.
Chm. Ex. Com.—J. G. McCullough, New York, N. Y.
1st Vice-Pres.—S. M. Felton, Jr., New York, N. Y.
2d Vice-Pres.—E. B. Thomas, New York, N. Y.
3d Vice-Pres.—Andrew Donaldson, New York, N. Y.
Secretary—A. R. Macdonough, New York, N. Y.
Treasurer—Edward White, New York, N. Y.
Asst. Treas.—W. B. Bancker, New York, N. Y.
Fgt. Traf. Mgr.—George H. Vaillant, New York, N. Y.
W. F. T. Mgr.—C. G. Cochran, Cleveland, O.
Asst. F. T. Mgr.—George W. Ilistine, Chicago, Ill.
Gen. Frt. Agt.—F. L. Pomeroy, New York, N. Y.
Gen. Frt. Agt.—Samuel P. Shane, Cleveland, O.
Fgt. Claim Agt.—H. B. Chamberlain, New York, N. Y.

561 New York, Lake Erie & Western RR.—*Continued.*

Gen. Pass. Agt. & Asst. Gen. Fgt. Agt. { L. P. Farmer, New York, N. Y.
Asst. Gen. P. Agts. { Geo. De Haven, New York, N. Y. / W. C. Rinearson, Cleveland, O.
Auditor—W. Farrington, New York, N. Y.
Civil Engineer—C. W. Buchholz, New York, N. Y.
Gen. Bag. Agt.—C. H. Clough, New York, N. Y.
Aud. of Traffic—E. P. Campbell, New York, N. Y.
Trav. Auditor—A. T. Cuddeback, New York, N. Y.
Aud. Disburs.—Newton S. Rutter, New York, N. Y.
Purch. Agent—E. B. Sheffer, New York, N. Y.
G. Live St'k A.—Geo. F. Geagan, New York, N. Y.
Attorney—Jas. A. Buchanan, New York, N. Y.
Asst. Attorney—Chas. Steele, New York, N. Y.
Supt. Mot. Pow.—Ross Kells, New York, N. Y.
Mgr. Bag. Exp.—W. W. Chandler, Jr., New York, N.Y.
General Agents { M. E. Staples, New York, N. Y. / S. P. Woodside, Pittsburgh, Pa. / O. C. Tennis, Cincinnati, O.

Passenger Agents.

Gen. East. Agent.—Jas. Buckley, New York, N. Y.
Pac. Coast Agt.—J. G. McCall, San Francisco, Cal.
European Agts.—G. H. Fletcher & Co., Liverpool, Eng.
New Eng. Agt.—O. W. Jordan, Boston, Mass.
Can. Agt.—S. J. Sharpe, Toronto, Ont.
Gen. No. Agt.—G. E. Allen, Buffalo, N. Y.
Division Agts. { C. H. Clough, New York, N. Y. / S. T. Seely, Elmira, N. Y. / F. H. Garfield, Jamestown, N. Y. / W. W. Dunnavant, Warren, O. / H. C. Holabird, Cincinnati, O.
Trav. Agt.—W. W. Brady, Indianapolis, Ind.
Trav. Pass. Agt.—Frank M. Caldwell, Detroit, Mich.
Trav. Pass. Agt.—C. B. Dean, St. Paul, Minn.
City Agt.—H. T. Jaeger, Rochester, N. Y.

Freight Agents.

Gen. East. Agt.—F. L. Pomeroy, New York, N. Y.
Gen. No. West'n Fgt. Agt.—G. J. Borup, St. Paul, Minn.
Division Agts. { H. M. Parker, Jersey City, N. J. / W. C. Buck, Elmira, N. Y. / J. M. Horton, Rochester, N. Y. / J. Deuel, Buffalo, N. Y. / H. C. Hastings, Meadville, Pa. / J. L. Henderson, Youngstown, O. / C. W. Clark, Galion, O.

New York, Lake Erie and Western Division.

General Supt.—(Vacancy.)
Supt. of Transp.—J. H. Barrett, Jersey City, N. J.
Gen. Road Master—S. R. Johnston, Jersey City, N. J.
Gen. Tax Agent—J. M. Finch, Hornellsville, N. Y.
Supt. of Teleg.—W. J. Holmes, New York, N. Y.
Supt. of Ferries—Tunis A. Egbert, Jersey City, N. J.

Eastern Division.

Superintendent—W. W. Stearns, Jersey City, N. J.
Master Mech.—C. E. Fuller, Jersey City, N. J.

Delaware Division.

Superintendent—W. H. Starr, Port Jervis, N. Y.
Master Mech.—H. A. Gillis, Port Jervis, N. Y.

Susquehanna Division.

Superintendent—J. H. Parsons, Susquehanna, Pa.
Master Mech.—W. Lavery, Susquehanna, Pa.

Western Division.

Superintendent—M. W. Maguire, Hornellsville, N. Y.
Master Mech.—T. W. Ranson, Hornellsville, N. Y.

Buffalo and Buffalo Southwestern Division.

Superintendent—C. A. Brunn, Buffalo, N. Y.
Master Mech.—Geo. B. Ross, Buffalo, N. Y.
For. Car Repairs—Robert Gunn, Buffalo, N. Y.

Rochester Division.

Superintendent—G. A. Thompson, Rochester, N. Y.
Master Mech.—J. E. Sague, Rochester, N. Y.

Tioga Division.

Superintendent—E. F. Kulhloe, Elmira, N. Y.
Master Mech.—W. Lavery, Susquehanna, Pa.

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561 New York, Lake Erie & Western RR.
—Continued.

Bradford Division.

Superintendent—C. V. Merrick, Bradford, Pa.
Master Mech.—G. W. Conklin, Bradford, Pa.

(a) New York, Pennsylvania and Ohio Division.

Gen. Supt.—A. M. Tucker, Cleveland, O.
Supt. of Transp.—J. C. Moorhead, Cleveland, O.
Act. Gen. Road Mast.—Aug. Mordecai, Cleveland, O.
G. L'd & Tax Agt.—J. H. Dynes, Cleveland, O.
Supt. of Teleg.—W. J. Holmes, New York, N. Y.

Eastern Division.

Superintendent—Jno. S. Matson, Meadville, Pa.
Master Mech.—S. Higgins, Meadville, Pa.
Fin. Car Rprs.—G. A. Chapin, Kent, O.

Western Division.

Superintendent—A. M. Mozier, Galion, O.
Master Mech.—A. W. Ball, Galion, O.

Mahoning Division.

Superintendent—C. R. Fitch, Youngstown, O.
Master Mech.—T. Carmody, Cleveland, O.

(b) New York and Greenwood Lake Ry.

President—Abram S. Hewitt, New York, N. Y.
Vice-President—S. M. Felton, Jr., New York, N. Y.
Secretary—A. R. Macdonough, New York, N. Y.
Treasurer—T. Bowne, New York, N. Y.
Gen. Pass. Agt.—L. P. Farmer, New York, N. Y.
Superintendent—J. F. Maguire, Jersey City, N. J.
Road Master—P. Humphrey, Jersey City, N. J.
Master Mech.—C. E. Fuller, Jersey City, N. J.

(c) Tioga Railroad.

President—John King, New York, N. Y.
Secretary—A. R. Macdonough, New York, N. Y.
Treasurer—E. White, New York, N. Y.
Superintendent—E. F. Knibloe, Elmira, N. Y.
Purch. Agent—E. B. Sheffer, New York, N. Y.
Master Mech.—W. Lavery, Susquehanna, Pa.

(d) Barclay Coal RR.

President—Edward M. Davis, Chelton Hills, Pa.
Vice-President—J. R. Cinghorn, Philadelphia, Pa.
Sec. & Treas.—Harvey Shaw, Norristown, Pa.
Supt. & C. E.—R. T. Dodson, Barclay, Pa.
Master Mech.—Daniel McCarthy, Foot of Plane, Pa.
Road Master—H. H. Bentley, Towanda, Pa.

(e) New York, Lake Erie & Western Coal & RR. Co.

President—J. K. P. Hall, St. Mary's, Pa.
Treasurer—Edward White, New York, N. Y.
Secretary—A. R. Macdonough, New York, N. Y.
Div. Superint'd.—C. B. Merrick, Bradford, Pa.

562 New York, New Haven & Hartford RR.

President—Charles P. Clark, New Haven, Conn.
Vice-President—Edward M. Reed, New Haven, Conn.
Gen. Manager.—Lucius Tuttle, New Haven, Conn.
Treasurer—W. L. Squire, New Haven, Conn.
Secretary—W. D. Bishop, Jr., Bridgeport, Conn.
Executive Secy.—W. E. Barnett, New Haven, Conn.
Sp. N. Y. & N. H. D.—O. M. Shepard, New York, N. Y.
Supt. Hart. Div.—C. S. Davidson, Hartford, Conn.
Sup. Sh. L'e Div.—E. G. Allen, New Haven, Conn.
Sup. N'th'n Div.—C. N. Yeamans, New Haven, Conn.
Sup. Naug. Div.—Geo. W. Beach, Waterbury, Conn.
Sup. Valley Div.—J. V. A. Trumbull, Hartford, Conn.
Supt. Air Line D.—A. A. Waterbury, New Haven, Conn.
Comptroller—H. M. Kochersperger, New Haven, Conn.
Gen. Pass. Agt.—C. T. Hempstead, New Haven, Conn.
Gen. Tkt. Agt.—J. N. States, New Haven, Conn.
Gen. Fgt. Agt.—Charles Rockwell, New Haven, Conn.
Ass't Fgt. Agt.—N. A. Wilcox, New Haven, Conn.
Auditor of Disb.—S. C. Fleetwood, New Haven, Conn.
Chief Engineer—F. S. Curtis, New Haven, Conn.
Purch. Agent.—Henry A. Bishop, New Haven, Conn.
Supt. Mot. Pow.—J. Henney, Jr., New Haven, Conn.
Mast. Car Dept.—J. Denver, New Haven, Conn.
Supt. of Marine Con.—S. A. Gardner, New Haven, Conn.

563 New York, Ontario and Western Ry.

President—Thomas P. Fowler, New York, N. Y.
Vice-President—Joseph Price, London, Eng.
Treas. & Sec.—R. D. Rickard, New York, N. Y.
Gen. Manager—J. E. Childs, New York, N. Y.
G. F. & P. A.—J. C. Anderson, New York, N. Y.
Chief Engineer—E. Canfield, Middletown, N. Y.
Supt. Transp.—C. W. Lanpher, Norwich, N. Y.
Supt. M. P.—G. W. West, Middletown, N. Y.
Purch. Agent—Chas. A. Draper, New York, N. Y.
Gen. Counsel—J. B. Kerr, New York, N. Y.
Transfer Agt.—John Fleming, New York, N. Y.
Gen. Bag. Agt.—F. W. Smith, Weehawken, N. J.
Car Accountant—Jas. McQueen, Norwich, N. Y.
Gen. East. Agt.—Jas. R. Dunbar, New York, N. Y.

564 New York, Philadelphia and Norfolk RR.

President—A. J. Cassatt, Philadelphia, Pa.
Vice-President—William A. Patton, Philadelphia, Pa.
Treasurer—J. G. Cassatt, Philadelphia, Pa.
Sec. & Auditor—Wm. Cariss, Jr., Philadelphia, Pa.
Superintendent—H. W. Dunne, Cape Charles, Va.
Gen. P. & F. Agt.—R. B. Cooke, Norfolk, Va.
Mast. Mech.—C. O. Skidmore, Cape Charles, Va.
Supervisor—(Vacancy.)
Train Master—A. G. Manahan, Cape Charles, Va.
Trav. Pass. Agt.—Chas. W. Reiff, Philadelphia, Pa.

565 New York, Providence & Boston RR.

President—Samuel D. Babcock, New York, N. Y.
Vice-President—George M. Miller, New York, N. Y.
Sec. & Treas.—A. R. Longley, Providence, R. I.
Gen. Manager—J. W. Miller, New York, N. Y.
Supt.—J. B. Gardiner, Providence, R. I.
Asst. Supt.—L. S. Miller, New London, Conn.
Asst. to Supt.—F. G. Spencer, Providence, R. I.
Gen. Fgt. Agt.—J. M. Williams, Providence, R. I.
Gen. Tkt. Agt.—O. H. Briggs, Providence, R. I.
Auditor—O. W. Cooke, Providence, R. I.
Transfer Agt.—Central Trust Co., New York, N. Y.
Paymaster—J. R. Gladding, Providence, R. I.
Purch. Agent—J. L. Hayden, Stonington, Ct.
Engineer—E. P. Dawley, Providence, R. I.
Mast. Mech.—L. M. Butler, Providence, R. I.
Road Master—S. A. Wheeler, Providence, R. I.

566 New York, Susquehanna and Western RR.

President—Simon Borg, New York, N. Y.
Vice-President—S. V. White, New York, N. Y.
2d Vice-Pres. & Sec.—J. P. Rafferty, New York, N. Y.
Treasurer—R. C. Shimeall, New York, N. Y.
Auditor—Chas. V. Ware, New York, N. Y.
Gen. Supt.—C. D. McKelvey, Jersey City, N. J.
G. F. & P. A.—I. I. Demarest, New York, N. Y.
Gen. Bag. Agt. & Purch. Agent—C. T. Demarest, Jersey City, N. J.
Chief Engineer—J. L. Rusling, Paterson, N. J.
Master Mech.—W. C. Ennis, Wortendyke, N. J.
Supt. of Bridges—George Bartle, Middletown, N. Y.
Road Master—George Smith, Middletown, N. Y.

567 Niagara Central RR.

(*Projected line;* St. Catharine's to Toronto, Ont., 70 miles; completed from Thoroid to St. Catharine's, 5 miles.)

President—Dr. Lucius S. Olile, St. Catharine's, Ont.
Vice-Pres.—Sylvester Neelon, St. Catharine's, Ont.
Sec. & Treas.—Richard Wood, St. Catharine's, Ont.
Gen. Supt.—John Vanderburgh, St. Catharine's, Ont.
Gen. Tkt. & Fgt. Agt.—Wm. M. Parburton, St. Catharine's, Ont.
Mast. of Mach. & Car Rep.—Wm. H. Pay, St. Catharine's, Ont.
Chief Engineer—B. N Molesworth, St. Catharine's, Ont.

568 Norfolk and Carolina RR.

President—Geo. S. Scott, New York, N. Y.
Vice-Pres.—H. Walters, Wilmington, N. C.
General Manager—G. M. Serpell, Norfolk, Va.
Treasurer—C. G. Elliott, Norfolk, Va.

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568 Norfolk and Carolina RR.—*Continued.*

Secretary—W. G. Elliott, Norfolk, Va.
Gen. Auditor—W. A. Riach, Wilmington, N. C.
Asst. Aud.—Spencer Le Grand, Norfolk, Va.
Gen. Fgt. & Pass. Agt. } T. M. Emerson, Wilmington, N. C.
Supt. Transp.—J. R. Kenly, Wilmington, N. C.
Eng. of Roadway—B. R. Dunn, Wilmington, N. C.

569 Norfolk and Ocean View Narrow Gauge RR.

President—W. H. Taylor, Norfolk, Va.
Sec. & Treas.—F. S. Taylor, Norfolk, Va.
Mast. of Mach. & Car Rep., } M. D. Coleman, Norfolk, Va.

570 Norfolk and Virginia Beach RR.

President—C. W. Mackey, Franklin, Pa.
Vice-President—Warner Van Norden, New York, N. Y.
Sec. & Treas.—Wm. Evans, Jr., New York, N. Y.
General Supt.—J. M. Dickey, Norfolk, Va.
Gen. Pass. Agt.—S. B. Schumacher, Norfolk, Va.
Auditor—Jos. L. Young, Jr., Norfolk, Va.
Mgr. of Hotel—S. E. Crittenden, Va. Beach, Va.
Transfer Agent } Mercantile Trust Co., New York, N. Y.

571 Norfolk and Western RR.

President—F. J. Kimball, Philadelphia, Pa.
Vice-President—Charles G. Eddy, Roanoke, Va.
Ass't to Pres.—W. C. Bullitt, Philadelphia, Pa.
Treasurer—W. G. Macdowell, Philadelphia, Pa.
Secretary—A. J. Hemphill, Philadelphia, Pa.
Comptroller—M. C. Jameson, Philadelphia, Pa.
Gen. Manager—Jos. H. Sands, Roanoke, Va.
G. P. & Tkt. Agt.—W. B. Bevill, Roanoke, Va.
Frt. Claim Agt.—A. F. Ravenel, Jr., Roanoke, Va.
Gen. Fgt. Agt.—A. Pope, Roanoke, Va.
Auditor—Joseph W. Coxe, Roanoke, Va.
Purch. Agent—W. C. De Armond, Philadelphia, Pa.
Cashier—Chas. J. Eastwick, Philadelphia, Pa.
Paymaster—Joseph B. Lacy, Roanoke, Va.
Supt. of Transp.—Frank Huger, Roanoke, Va.
Chief Engineer—W. W. Coe, Roanoke, Va.
Eng. Main. of Way—Chas. S. Churchill, Roanoke, Va.
Solicitor—J. I. Doran, Philadelphia, Pa.
General Agent—N. M. Osborne, Norfolk, Va.
Supt. Mot. Power—S. B. Haupt, Roanoke, Va.
Supt. East. Div.—Edmund L. DuBarry, Crewe, Va.
Supt. Lynchb. Div.—James C. Cassell, Roanoke, Va.
Supt. Radford Div.—John A. Hardy, Roanoke, Va.
Supt. West. Div.—John G. Osborne, Radford, Va.
Division Eng. { C. P. Bonner, Norfolk, Va.; J. B. Fuller, Crewe, Va.; J. D. Moffatt, Radford, Va.; Abram Bruner, Roanoke, Va.; E. F. Mitchell, Roanoke, Va.; A. P. Miller, Bluefield, W. Va.
Master Mechanics and Foremen of Repair Shops.—N. W. Norsworthy, M. M., Crewe, Va.; N. H. Smith, M. M., Bluefield, W. Va.; L. P. Ligon, F. C. R., Radford, Va.; J. A. Humphries, F. C. R., Roanoke, Va.; R. E. Smith, F. C. R., Norfolk, Va.
Supervisors.—J. W. Sowers, Petersburg, Va.; W. H. Stanley, Lynchburg, Va.; Frank Rhea and Charles Morgan, Radford, Va.; W. G. O'Brien, Bluefield, W. Va.

572 Norfolk Southern RR.

President—W. H. Philips, New York, N. Y.
Vice-President—George C. Wood, Brooklyn, N. Y.
Treasurer—W. G. Dominick, New York, N. Y.
Secretary—James Benedict, New York, N. Y.
Ass't Secretary—M. W. Dominick, Brooklyn, N. Y.
Gen. Man. & Purch. Agt.—M. K. King, Norfolk, Va.
Gen. P. & F. A.—H. C. Hudgins, Norfolk, Va.
Auditor—I. P. Jernigan, Norfolk, Va.
Master Mech.—G. R. Joughins, Berkley, Va.
Road Master & Train Mast., } W. W. King, Berkley, Va.

573 North and South RR. of Illinois.

President—Gerald L. Hoyt, New York, N. Y.
Vice-President—C. H. Bosworth, Springfield, Ill.
Secretary—H. W. Calhoun, New York, N. Y.
Treasurer—Wm. Wagner, New York, N. Y.

574 Northern and Western Ry.

Prest. & Purch. Agt.—J. B. Snowball, Chatham, N. B.
Manager—Alexander Gibson, Marysville, N. B.
Sec. & Sol.—George F. Gregory, Fredericton, N. B.
Supt.—Thomas Hoben, Gibson, N. B.
Gen. Frt. Agt.—Jas. Wetmore, Gibson, N. B.

575 Northern Adirondack RR.

Prest. & Purch. Agt.—John Hurd, Santa Clara, N. Y.
Secretary—George Munger, Bridgeport, Ct.
G. S. R. M. M. M. Act. Treas. } M. Callahan, St. Regis Falls, N. Y.
Aud. & Gen. P. & F. A.—A. C. Allison, Moira, N. Y.
Supt of Teleg.—H. N. Raymond, Santa Clara, N. Y.
For. Loco. Rep.—E. A. Woodbury, St. Regis Falls, N. Y.
For. Car Rep.—Max Goodrich, St. Regis Falls, N. Y.

576 Northern California RR.

President—N. D. Rideout, Marysville, Cal.
Treas. & Sec.—Norman Rideout, Marysville, Cal.
Gen. Man. & Purch. Agt.—A. J. Binney, Marysville, Cal.
Mast. of Mach.—E. S. Wright, Marysville, Cal.
Road Master—E. P. Willard, Honeut, Cal.

577 Northern Central Ry.

President—George B. Roberts, Philadelphia, Pa.
Vice-President—Frank Thomson, Philadelphia, Pa.
Secretary—Stephen W. White, Philadelphia, Pa.
Treasurer—John S. Leib, Baltimore, Md.
Cashier—A. W. Hendrix, Baltimore, Md.
Auditor—James P. Kerr, Baltimore, Md.
Asst. Aud.—Jno. S. Ruth, Baltimore, Md.

TRANSPORTATION DEPARTMENT.

Gen. Manager—Charles E. Pugh, Philadelphia, Pa.
Gen. Supt.—Robert Neilson, Williamsport, Pa.
G. S. Mot. Pwr.—Tho. N. Ely, Altoona, Pa.
G. S. Transp.—S. M. Prevost, Philadelphia, Pa.
Chief Engineer—William H. Brown, Philadelphia, Pa.
Eng. M. of Way.—L. H. Barker, Williamsport, Pa.
Su. Mot. Power—Edward D. Nelson, Williamsport, Pa.
Purch. Agent—Enoch Lewis, Philadelphia, Pa.
Asst. Purch. Agt.—A. W. Sumner, Philadelphia, Pa.
Treas. Ins. Dep.—John S. Leib, Baltimore, Md.

FREIGHT DEPARTMENT.

Gen. Fgt. Agt.—Wm. H. Joyce, Philadelphia, Pa.
Asst. Gen. Fgt. Agt.—Jno. Whittaker, Philadelphia, Pa.
Claim Agent—F. D. Howell, Philadelphia, Pa.

PASSENGER DEPARTMENT.

Gen. Pass. Agt.—James R. Wood, Philadelphia, Pa.
Asst. Gen. P. A.—Geo. W. Boyd, Philadelphia, Pa.
Gen. Bag. Agt.—F. J. McWade, Philadelphia, Pa.

ACCOUNTING DEPARTMENT.

Auditor—James P. Kerr, Baltimore, Md.
Asst. Auditor—Jno. S. Ruth, Baltimore, Md.

LEGAL DEPARTMENT.

Gen. Solicitor—John Scott, Philadelphia, Pa.
Asst. Gen. Sol.—James A. Logan, Philadelphia, Pa.

DIVISION OFFICERS.

Master Mechanics { J. M. Coale, Baltimore, Md.; John S. Funk, Marysville, Pa.; James Strode, Elmira, N. Y.
G. F. Car Shp.—G. W. Demarest, Baltimore, Md.

Division Superintendents.

Baltimore Division—H. W. Kapp, Baltimore, Md.
Susquehanna Division—E. B. Westfall, Williamsport, Pa.
Shamokin Division—Frank Ellmaker, Sunbury, Pa.
Elmira and Canandaigua Division } Spencer Meade, Elmira, N. Y.

578 Northern Pacific RR.

EXECUTIVE DEPARTMENT.

Chairman of the Board } Henry Villard, 35 Wall St., N. Y. City.
President—T. F. Oakes, St. Paul, Minn.
Asst. to President—N. C. Thrall, St. Paul, Minn.
Vice-Pres.—James B. Williams, 35 Wall St., N. Y. City.
2d Vice-President—C. H. Prescott, Tacoma, Wash.
Secretary———, 35 Wall St., N. Y. City.
Ass't Secretary—Geo. H. Earl, 35 Wall St., N.Y. City.

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JOS. McCARTER, *Pres.* J. R. DROZESKI, *Vice-Pres. and Supt.* J. M. ORMSBEE, *Sec'y and Treas.*

THE ERIE CAR HEATING CO.

Principal Office and Works, ERIE, PA.

HEATS RAILWAY CARS WITH STEAM FROM THE LOCOMOTIVE WITHOUT THE USE OF RUBBER HOSE OR GROUND METALLIC JOINTS.

by passing the steam through coils of seamless brass tubing placed one under each platform of every car, and which readily meet all possible side and vertical motions between the cars. Our Slip-joints, to meet the end motion, are so constructed that in case the train parts, the plunger will pull out without disturbing the packing, and can be inserted again in an instant, when they will be steam tight, the same as before.

THESE CONNECTIONS CAN BE APPLIED TO ANY SYSTEM OF PIPING.

Patented September 7, 1886, Jan. 31, 1888, Nov. 12, 1889.

OUR NEW METALLIC COUPLINGS

are automatic when desired, and not depending upon the tension of a spring to keep them closed, are *ABSOLUTELY* Steam **Tight.**

OUR TRAP, which readily removes all condensation, has been in service the past two winters, with temperature at 35 degrees below zero, **AND DID NOT FREEZE IN A SINGLE INSTANCE.**

In continuous use on the Fort Wayne Division of the Pennsylvania Company's road since the spring of 1887; on the L. S. & M. S. and the N. Y., C. & St. L. roads for three seasons, and on the Duluth & Superior Branch of the N. P. R. R. and the St. Paul-Minneapolis Line of the Manitoba Railway the past two winters, giving perfect satisfaction. ***We refer to the officials of any of the above roads.***

Our Coils **HAVE NEVER BEEN BROKEN,** unless injured by accident; our connections **NEVER** allow any steam to escape between the coaches and can be applied to any system of heating cars that requires steam.

WESTERN AGENT, WM. S. BREWSTER, Club Room 5, Grand Pacific Hotel, Chicago, Ill. **SOUTHERN AGENT,** T. C. COLEMAN, Louisville, Ky.

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578 Northern Pacific RR.—*Continued.*

Gen. Counsel—Jas. McNaught, St. Paul, Minn.
Treasurer—Geo. S. Baxter, 35 Wall St., N. Y. City.
Ass't. Treasurer—C. A. Clark, St. Paul, Minn.

OPERATING DEPARTMENT.

Gen. Manager—W. S. Mellen, St. Paul, Minn.
Gen. Supt.—M. C. Kimberly, St. Paul, Minn.
Asst. Gen. Supt.—G. W. Dickinson, Helena, Mont.
Gen. Man., Nor. Pac. & Manitoba RR.—J. M. Graham, Winnipeg, Mont.
Supt. of Transp.—T. J. Delamere, St. Paul, Minn.
Asst. to the Gen. Man.—Newman Kline, Helena, Mont.
Gen. Purch. Agent—W. G. Pearce, St. Paul, Minn.
Supt. M. P., Mach. & Rolling Stock—W. T. Small, St. Paul, Minn.
Mast. Car Builder—John C. Barber, St. Paul, Minn.
Supt. of Telegraph—O. C. Greene, St. Paul, Minn.
Ass't. Supt. Tel.—J. Q. Mason, Tacoma, Wash.
Western Divs.
Supt. St. Paul Div., & L. F. & D. RR.—Jos. McCabe, Minneapolis, Minn.
Ass't. Supt. St. P. Div., & L. F. & D. RR.—A. E. Law, St. Paul, Minn.
Supt. E. & W. Minn. & Wis. Divs. & N. P. F. & B. H. RR.—F. Greene, Brainerd, M.
Ass't. Supt. N. P. F. & B. H. RR.—F. F. Griffin, Fergus Falls, Minn.
Ass't. Supt. E. & W. Minn. Divs.—G. W. Vanderslice, Brainerd, Minn.
Ass't. Supt. Dul. & Man. RR.—F. L. Richmond, Grand Forks, N. D.
Ass't. Supt. Wis. Div.—Wade Converse, Ashland, Wis.
Supt. Dak. Div. & Br.—A. J. McCabe, Jamestown, N. D.
Ass't. Supt. F. & S. W. RR.—T. C. Comstock, Fargo, Nor. Dak.
Supt. Missouri Div.—J. E. Phelan, Dickinson, No. Dak.
Supt. Yellowstone Div.—F. H. Marsh, Glendive, Mont.
Supt. Montana Div.—J. D. Finn, Livingston, Mont.
Supt. Rocky Mountain Division & Branches—S. G. Ramsey, Missoula, Mont.
Supt. Idaho Div. & Branches—F. W. Gilbert, Sprague, Wash.
Supt. Pacific Division—A. L. Horner, Tacoma, Wash.
Supt. Cascade Division—C. S. Prowell, Ellensburg, Wash.
Fuel Agent—R. P. Thomas, St. Paul, Minn.
Lease Agent—F. W. Wilsey, St. Paul, Minn.

TRAFFIC DEPARTMENT.

Gen. Traffic Man.—J. M. Hannaford, St. Paul, Minn.
Gen. Agent—I. Nadeau, Seattle, Wash.
Gen. Frt. Agt.—S. L. Moore, St. Paul, Minn.
1st Ass't Gen. Frt. Agt.—S. G. Fulton, Portland, Ore.
2d Ass't. Gen. Frt. Agt.—J. B. Baird, St. Paul, Minn.
Frt. Claim Agent—F. Farrington, St. Paul, Minn.
Gen. Pass. & Ticket A.—C. S. Fee, St. Paul, Minn.
Ass't. Gen. Ticket Agt.—Jas. C. Pond, St. Paul, Minn.
Ass't. Gen. Pass. Agts.—B. N. Anstin, St. Paul, Minn. A. D. Charlton, Portland, Ore.
Con. Fgt. Agt.—W. E. Belcher, 64 Bay St., Toronto, Can.
Supt. Dining Cars—J. Strong, St. Paul, Minn.
Gen. Bag. Agt.—W. H. Lowe, St. Paul, Minn.

LAND DEPARTMENT.

Land Comm'r—C. B. Lamborn, St. Paul, Minn.
Ass't. Land Comm'r—G. W. Board, St. Paul, Minn.
Gen. Land Agt.—Paul Schulze, Tacoma, Wash.
Gen. Emigration Agt.—P. B. Groat, St. Paul, Minn.

CONSTRUCTION DEPARTMENT.

Chief Engineer—J. W. Kendrick, St. Paul, Minn.
Prin. Ass't. Eng.—S. D. Mason, St. Paul, Minn. H. S. Huson, Tacoma, Wash. E. H. McHenry, Helena, Mont.

LEGAL DEPARTMENT.

Gen. Counsel—J. McNaught, St. Paul, Minn.
Ass't. Counsel—J. C. Bullitt, Jr., St. Paul, Minn.

AUDITING DEPARTMENT.

Gen. Auditor—J. A. Barker, St. Paul, Minn.
Ass't. Gen. Auditor—M. P. Martin, St. Paul, Minn.
Auditor of Disbursements—A. S. Morton, St. Paul, Minn.
Aud. of Traffic Receipts—E. H. C. Taylor, St. Paul, Minn.
Aud. M. P. Accts.—C. C. Cummiskey, St. Paul, Minn.

CLAIM DEPARTMENT.

Gen. Claim Agent—D. K. Ford, St. Paul, Minn.
Ass't. Gen. Claim Agent—E. E. Fields, St. Paul, Minn.

578 Northern Pacific RR.—*Continued.*

GENERAL AND SPECIAL AGENTS.

Gen. Ext. Agt.—Geo. R. Fitch, 319 B'way, New York, N. Y.
Ext. Pass. Agt.—C. B. Kinnan, 319 B'way, New York, N. Y.
New. Eng. Agt.—J. L. Harris, 306 Wash'n St., Boston, Mass.
Gen. Agt. Fgt. Dept—O. P. Gothlin, 132 Vine St., Cin., O.
Gen. Agt.—A. Roedelheimer, cor. High and Chestnut Sts., Columbus, O.
Gen. Agt.—E. R. Wadsworth, 210 So. Clark St., Chicago, Ill.
City Pass. Agt.—G. W. R Goodno, 210 So. Clark St., Chic., Ill.
Contracting Agt.—L. N. Sawyer, 210 So. Clark St., Chic., Ill.
Gen. Agt. N. P. & M. Ry.—H. Swinford, 457 Main St., Winnipeg, Man.
Gen. Agt.—A. D. Edgar, cor. Main and Grand Sts., Helena, Mont.
Gen. Agt.—Jas. McCaig, Butte City, Mont.
Gen. Agt.—A. W. Hartman, Duluth, Minn.
Gen. Agt.—G. G. Chandler, 621 Pacific Ave., Tacoma, Wash.
Agt.—I. Nadeau, Seattle, Wash.
Trav. Fgt. & Pass. Agt.—W. N. Mears, Tacoma, Wash.
Freight Solicitor—E. H. Forester, Cronicle Bldg., San Fran., Cal.
Freight Solicitor—F. M. Fairbanks, 19 Nicollet Block, Min., Minn.
Freight Solicitor—W. W. Scully, 94 Fourth Ave., Pitts., Pa.
Com'l. Agt.—C. B. Sexton, 104 No. Fourth St., St Louis, Mo.

TRAVELLING PASSENGER AND LAND AGENTS.

Thos. Ridgedale, 64 Bay St., Toronto, Canada.
A. J. Quin, 306 Washington St., Boston, Mass.
J. H. Rodgers, Jr., 47 So. Third St., Philadelphia, Pa.
L. L. Billingslea, 47 So. Third St., Philadelphia, Pa.
Geo. D. Teller, 44 Exchange St., Buffalo, N. Y.
W. F. Sherwin, Elmira, N. Y.
Thos. Henry, 154 St. James St., Montreal, Quebec.
A. A. Jack, 161 Jefferson Ave., Detroit, Mich.
D. W. Janowitz, 42 Jackson Place, Indianapolis, Ind.
T. L. Shortell, 104 No. Fourth St., St. Louis, Mo.
S. H. Mills, 132 Vine St., Cincinnati, O.
C. G. Lemmon, Friederich's Hotel, Peoria, Ill.
T. D. Campbell, 144 Superior St., Cleveland, O.
J. N. Robinson, Colby Bldg., Milwaukee, Wis.
O. Vanderbilt, 402 Court Ave., Des Moines, Ia.
W. H. Whitaker, St. Paul, Minn.
T. S. Patty, Chattanooga, Tenn.
T. K. Stateler, Cronicle Bldg., San Francisco, Cal.
F. O'Neill, 121 First St., Portland, Ore.

Wisconsin Central Lines. Northern Pacific RR. Co., Lessee.

Gen. Manager—S. R. Ainslie, Milwaukee, Wis.
Gen. Supt.—Gavin Campbell, Milwaukee, Wis.
Gen. Solicitor, D. S. Wegg, Milwaukee, Wis.
Local Treas.—R. W. Maguire, Milwaukee, Wis.
Chief Engineer—F. W. Fratt, Milwaukee, Wis.
Purch. Agt.—C. C. McLeod, Milwaukee, Wis.
Traf. Man.—H. C. Barlow, Milwaukee, Wis.
Asst. Gen. Fgt. Agts.—J. B. Cavanaugh and J. C. Mackinnon, Milwaukee, Wis.
Asst. Gen. P. & T. A.—Louis Eckstein, Milw'kee, Wis.
Auditor—T. J. Hyman, Milwaukee, Wis.
Aud. of Traf.—R. C. Mann, Milwaukee, Wis.
Aud. of Disb.—E. Shearson, Milwaukee, Wis.
Special Agent—C. A. Herriman, Milwaukee, Wis.
Car Service Agent—E. A. Byrne, Milwaukee, Wis.
Supt. C. & M. Divs.—E. R. Knowlton, Waukesha, Wis.
Supt. P. C. A. & P. Div.—M. B. Cutter, Stevens Point, Wis.
Supt. St. Paul Div.—A. R. Horn, St. Paul, Minn.
Supt. Dining & Parlor Cars—T. C. Clifford, Stevens Point, Wis.
Supt. of Motive Power—Jas. McNaughton, Wankesha, Wis.
Mast. Car Bldr.—Wm. Cormack, Stevens Point, Wis.
Supt. of Brdgs. & Bldgs.—J. J. Callaghan, Stevens Point, Wis.

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579 Northern Pacific and Manitoba RR.

President—Jas. McNaught, St. Paul, Minn.
1st Vice-President—J. W. Kendrick, St. Paul, Minn.
2d Vice-President—Jos. Martin, Winnipeg, Man.
Secretary—L. M. Randall, St. Paul, Minn.
Treas. & Comptroller—E. B. Morrison, Winnipeg, Man.
General Manager—J. M. Graham, Winnipeg, Man.
Act. Chief. Eng.—G. A. Bayne, Winnipeg, Man.
General Agent—Herbert Swinford, Winnipeg, Man.
Master Mechanic—R. H. Gilmour, Winnipeg, Man.
Road Master—C. D. Short, Winnipeg, Man.

580 North Pacific Coast RR.

Pres. & Gen. M.—John W. Coleman, San Fr'cisco, Cal.
Vice-President—William Steel, San Francisco, Cal.
Treas.—London & San Fran. Bank, San Francisco, Cal.
S. A. G. P. & T. A.—F. B. Latham, San Francisco, Cal.
Superintendent—E. H. Shoemaker, Saucelito, Cal.
T. M. & G. Pur. A.—W. P. Russell, San Francisco, Cal.
Foreman of Shops—W. J. Thomas, Sausalito, Cal.
Road Master & Supt. Bridges—F. M. Walter, San Rafael, Cal.

581 Northwest and Florida RR.

President—Nathan T. Sprague, Brooklyn, N. Y.
Vice-President—Jos. W. Dimmick, Montgomery, Ala.
Treasurer—David A. Boody, New York, N. Y.
General Supt.—Bradford Dunham, Montgomery, Ala.

582 Nottingham RR. and Iron Co.

President—Charles Turner, Birmingham, Alabama.
V.-P., Sec. & T.—C. D. Morrison, Nottingham, Ala.

583 Ocean View RR.

(*Projected Line*: Wilmington, N. C., to Ocean Beach, 2 miles; track laid.)

Pres., Gen. Man., Gen. Supt. & Pur. Agt.—Stacy Van Amringe, Wilmington, N.C.
Sec. & Treas.—S. H. Manning, Wilmington, N. C.
Chief. Eng. & Mast. Mech.—Wm. Rupell, Wilmington, N. C.
Gen. Fgt. & Tkt. Agt.—R. H. Bunting, Wilmington, N. C.
Auditor.—D. L. Rupell, Wilmington, N. C.

584 Ogdensburg and Lake Champlain RR.

President—B. B. Smalley, Burlington, Vt.
Secretary—Geo. T. Childs, St. Albans, Vt.
Treasurer—D. D. Ranlett, St. Albans, Vt.
Gen. Tkt. Agt.—S. W. Cummings, St. Albans, Vt.
Gen. Fgt. Agt.—Frank Owen, Ogdensburg, N. Y.

585 Ohio and Big Sandy RR.

Superintendent—Jay H. Northrup, Ashland, Ky.
Auditor—L. B. Lewis, Jr., Cincinnati, O.
Gen. Fgt. & Pass. Agt.—C. S. Welton, Ashland, Ky.
Asst. Gen. Fgt. & Pass. Agt.—E. T. Fisher, Ashland, Ky.
Cashier—P. B. Gaynor, Ashland, Ky.

586 Ohio and Mississippi Ry.

Pres. & Gen. Manager—John F. Barnard, Cincinnati, O.
Secretary & Auditor—Edw. P. Cutter, Cincinnati, O.
Treasurer—Robert Reid, Cincinnati, O.
Superintendent—C. C. F. Bent, Cincinnati, O.
Gen. Passenger Agent—W. B. Shattuc, Cincinnati, O.
Gen. Freight Agent—William Duncan, St. Louis, Mo.
Purchasing Agent—G. W. Stevens, Cincinnati, O.
Paymaster—F. L. Jackson, Cincinnati, O.
Gen. Baggage Agent—W. I. Robinson, Cincinnati, O.
Claim Agent—A. B. Barnard, Cincinnati, O.
Chief Eng. & Mast. Main. of Way—C. C. Chandler, Cincinnati, O.
Gen. Foreman Bridges—H. M. Hall, Olney, Ill.
Supt. Telegraph—A. Hayward, Cincinnati, O.
Gen. For. Mach. Shop—W. L. Dooling, Washington, Ind.
Gen. Foreman Car Shop—F. A. Slater, Washington, Ind.
Mast. of Rolling Stock—F. P. Boatman, Washington, Ind.
Gen. Foreman Track—H. D. Hanover, Aurora, Ind.
Car Accountant—F. D. Farrington, Cincinnati, O.

586 Ohio and Mississippi Ry.—*Contiued.*

Springfield Division.

Asst. Superintendent—C. M. Stanton, Springfield, Ill.
Div. Freight Agent—W. Hodgdon, Springfield, Ill.
Gen. Foreman Maintenance Way—B. F. Bond, Flora, Ill.
Gen. Foreman Rolling Stock—J. W. Stokes, Pana, Ill.

587 Ohio and Northwestern RR.

Receiver and Gen. Manager—S. Hunt, Cincinnati, O.
President—George West, Ballston, N. Y.
Treas. & Gen. Pass. Agent—T. D. Rhodes, Cincinnati, O.
Sec. & Transfer Agt.—C. S. Sims, Philadelphia, Pa.
Gen. Freight Agent—C. H. Goodrich, Cincinnati, O.
Auditor—W. D. Gray, Winchester, O.
Supt. of Teleg.—J. C. Gleason, Cincinnati, O.
Road Master—T. G. Bothwell, Winchester, O.
Master Mechanic—J. C. Homer, Portsmouth, O.

588 Ohio, Indiana and Western Ry.

President—Austin Corbin, New York, N. Y.
Gen. Manager—J. A. Barnard, Indianapolis, Ind.
Sec. & Gen. Counsel—J. D. Campbell, New York, N. Y.
Treasurer—F. W. Dunton, New York, N. Y.
Transfer Agent—Frank McDonough, New York, N. Y.
Cashier—J. H. M. Claggett, Indianapolis, Ind.
Gen. Superintendent—A. G. Wells, Indianapolis, Ind.
Gen. Freight Agent—Ford Woods, Indianapolis, Ind.
Asst. Gen. Fgt. Agt.—J. H. Sessions, Indianapolis, Ind.
Gen. Pass. & Tkt. Agt.—H. M. Brouson, Indianapolis, Ind.
Asst. Pass. & Tkt. Agt.—B. C. Kelsey, Indianapolis, Ind.
Purchasing Agt.—D. J. Peffers, Indianapolis, Ind.
Eng. Brdgs. & Bldgs.—M. M. Defrees, Indianapolis, Ind.
Gen. Mast. Mech.—O. H. Jackson, Indianapolis, Ind.
Auditor—W. Lynn, Indianapolis, Ind.
Car Accountant—C. N. Atkinson, Indianapolis, Ind.
General Solicitor—C. W. Fairbanks, Indianapolis, Ind.
Mast. Main. of Way—John Sloan, Indianapolis, Ind.
Supt. Telegraph—J. A. Shirley, Indianapolis, Ind.
Train Master—A. H. Palmerton, Indianapolis, Ind.
Division Supt.—W. H. Van Tassell, Springfield, O.
Division Master Mechanic—E. Hiserodt, Urbana, Ill.

589 Ohio River RR.

President—G. W. Thompson, Parkersburg, W.Va.
Secretary—W. N. Chancellor, Parkersburg, W. Va.
Asst. Supt. & S. Tel.—C. L. Williams, Parkersburg, W.Va.
Gen. Pass. & Tkt. Agt.—W. J. Robinson, Parkersburg, W. Va.
Asst. Gen. Pass. & Tkt. Agt.—A. J. Bandy, Parkersburg, W. Va.
Treasurer—W. M. Trevor, Parkersburg, W.Va.
Auditor—E. W. Warnick, Pittsburgh, Pa.
Gen. Traffic Manager—C. P. Hatch, Pittsburgh, Pa.
Road Master—Thos. Fleming, Parkersburg, W.Va.
Master Mechanic—Alex. Laird, Parkersburg, W. Va.
Supt. Bridges—J. F. Mock, Parkersburg, W.Va.
Car Accountant—W. H. Yates, Parkersburg, W. Va.

590 Ohio Southern Ry.

President—Alfred Sully, New York, N. Y.
Vice-Pres. & Treas.—Henry Graves, New York, N. Y.
Secretary—Wilberforce Sully, New York, N. Y.
Gen. Manager—C. E. Henderson, Indianapolis, Ind.
Gen. Fgt. & Pass. Agt.—D. H. Roche, Springfield, O.
Gen. Supt.—W. H. Van Tassel, Springfield, O.
Cashier—W. W. Lynn, Indianapolis, Ind.
Purch. Agt.—Thos. A. Rittenhouse, Springfield, O.
Eng. Brdgs. & Bldgs.—M. M. Defrees, Indianapolis, Ind.
Master Mechanic—A. E. Tremp, Springfield, O.
Mast. Car Rep.—W. Madison, Springfield, O.
Train Master—P. J. Murphy, Jackson, O.
Transfer Agent—W. Sully, New York, N. Y.
Gen. Solicitor—C. W. Fairbanks, Indianapolis, Ind.
Auditor—A. J. Joyce, Springfield, O.
Car Accountant—E. H. Gambold, Indianapolis, Ind.
Road Master—Jno. Didcock, Springfield, O.
Supt. Bridges—J. T. Young, Springfield, O.

591 Ohio Valley Ry.

President—P. G. Kelsey, Evansville, Ind.
Vice-President—S. S. Brown, Pittsburgh, Pa.
Sec. & Treas.—Jordan Giles, Evansville, Ind.

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591 Ohio Valley Ry.—*Continued.*

Gen. Supt.—Jas. Montgomery, Evansville, Ind.
Auditor—J. W. Terry, Evansville, Ind.
Cashier—J. B. Weaver, Evansville, Ind.
Supt. of Bridges—Wm. Halpin, De Koven, Ky.
Car Accountant—D. Sizemore, Evansville, Ind.
Gen. Attorney—Arthur Cary, Louisville, Ky.
Att'y & C'm Agt.—D. H. Hughes, Jr., Evansville, Ind.
Gen. Fgt. & Pass. Agt.—A. E. Shrader, Evansville, Ind.

592 Oil City and Ridgeway Ry.

President—C. H. Allen, New York, N. Y.
Sec. & Treas.—J. R. Trimble, Philadelphia, Pa.

593 Old Colony RR.

President—Charles F. Choate, Boston, Mass.
Vice-President—F. L. Ames, Boston, Mass.
Treasurer—J. M. Washburn, Boston, Mass.
Clerk—John S. Brayton, Fall River, Mass.
Gen. Manager—J. R. Kendrick, Boston, Mass.
G. P. & T. A.—Geo. L. Connor, Boston, Mass.
Gen. Fgt. Agt.—S. C. Putnam, Boston, Mass.
Gen. Bag. & Ex. Agt.—E. F. Wetherell, Boston, Mass.
Sup. Cent. Div.—J. H. French, Boston, Mass.
Supt. North & Prov. Div.—I. N. Marshall, Boston, Mass.
Supt. Cape Cod Div.—C. H. Nye, Hyannis, Mass.
Chief Engineer—George S. Morrill, Boston, Mass.
Purch. Agent—R. W. Husted, Boston, Mass.
Gen. Train Master—J. C. Sanborn, Boston, Mass.
Supt. Rol. Stock—J. N. Lauder, Boston, Mass.
M. M. Central & C. C. Div. } Samuel P. Willis, Boston, Mass.
M. M. Prov. Div.—F. M. Twombly, Roxbury, Mass.
M. M. Nor. Div.—A. W. Twombly, Taunton, Mass.

594 Olympia and Chehalis Valley RR.

President—Edmund Rice, Olympia, Wash.
Vice-President—I. W. Anderson, Olympia, Wash.
Secretary—Stuart Rice, Olympia, Wash.
Treas. & Counsel—John F. Gowey, Olympia, Wash.
Gen. Supt.—N. Lawson, Olympia, Wash.
Gen. Fgt. & Tkt. Agt.—S. G. Ward, Olympia, Wash.
Master Mechanic—F. Tillotsen, Olympia, Wash.
Trustee & Agent—Otis Sprague, Tacoma, Wash.

595 Omaha and St. Louis Ry.

President—James H. Smith, New York, N. Y.
V.-Pres. & Treas.—Henry W. Eaton, New York, N. Y.
Gen. Manager—F. M. Gault, Council Bluffs, Ia.
Secretary—Edward W. Sheldon, New York, N. Y.
Gen. Supt.—A. E. Buchanan, Stanberry, Mo.
Aud. & Cashier—W. L. Bedison, Council Bluffs, Ia.
Supt. Mot. Power—J. D. Hunter, Stanberry, Mo.

596 Omaha, Dodge City and Southern RR.

President—Geo. M. Hoover, Dodge City, Kan.
Vice-Pres.—R. M. Wright, Dodge City, Kan.
Sec. & Treas.—Geo. B. Cox, Dodge City, Kan.
Chief Engineer—E. Le M. Hoare, Dodge City, Kan.

597 Orange Belt Ry.

President—E. T. Stotesbury, Philadelphia, Pa.
V.-Pres. & Gen. Man.—William Macleod, Oakland, Fla.
Superintendent—A. J. Grant, Oakland, Fla.
Secretary—Hugh H. Richardson, Oakland, Fla.
Treasurer—Geo. A. Hill, Oakland, Fla.
Aud. & G. F. & P. A.—J. W. Taylor, Oakland, Fla.
A. G. F. & P. A.—Charles Davies, Oakland, Fla.
Mast. Mech.—J. F. Sheahan, Oakland, Fla.
Asst. Supt.—H. S. Ming, Oakland, Fla.
Chief Engineer—A. L. Hunt, Oakland, Fla.

598 Orangeburg and Lewiedale RR.

President—R. C. Barkley, Charleston, S. C.
Vice-President—A. S. Hydrick, Orangeburg, S. C.
Sec. & Treas.—J. E. Bull, Orangeburg, S. C.
Chief Engineer—H. T. Peake, Orangeburg, S. C.
Asst. Chief Engineer—Thos. B. Lee, Columbia, S. C.

599 Ore Belt RR.

(*Projected Line:* Cedartown to Cave Spring, Ga., 15 miles; under construction.)

President—A. Richardson, Cedartown, Ga.
Chief Engineer—Percy Lumly, Cedartown, Ga.

600 Oregonian Ry. Co. (Ltd.) Line.

Gen. Man. & Receiver—Charles N. Scott, Portland, Ore.
Asst. to Receiver & Cashier } A. L. Warner, Portland, Ore.
Secretary to Receiver—Chas. R. Scott, Portland, Ore.
Supt., Auditor, Fgt. & Tkt. Accts. } H. W. Goddard, Portland, Ore.
Train Dispatcher—G. C. Morris, Dundee Junction, Ore.

601 Oregon and California RR.

President—Leland Stanford, San Francisco, Cal.
Vice-President—C. P. Huntington, New York, N. Y.
2d Vice-President—Richard Koehler, Portland, Ore.
Secretary—G. H. Andrews, Portland, Ore.
Treasurer—Timothy Hopkins, San Francisco, Cal.
Asst. Secretary—I. E. Gates, New York, N. Y.
Gen. Supt.—J. Brandt, San Francisco, Cal.
G. Fgt. & Pass. A.—E. P. Rogers, Portland, Ore.
Auditor—G. H. Andrews, Portland, Ore.
Au., Fgt. & T. Ac.—O. E. Heintz, Portland, Ore.
Purch. Agent—W. T. Bodley, Portland, Ore.
For. Car Rep.—W. C. Brown, E. Portland, Ore.
Master Mech.—A. Brandt, E. Portland, Ore.
Supt. of Bldgs.—T. De Clark, Portland, Ore.
For. Rep. Shop—G. H. Kinzer, Grant's Pass, Ore.
For. Rep. Shop—M. H. Taylor, Portland, Ore.

602 Oregon and Washington RR.

Pres. & Gen. Man.—G. W. Hunt, Walla Walla, Wash.
Vice-President—T. B. Wilcox, Portland, Ore.
Secretary—C. Herman, Pendleton, Ore.
Treasurer—C. Herman, Walla Walla, Wash.
Gen. Fgt. & Pass. Agt. } W. F. Wamsley, Walla Walla, Wash.
Auditor—Rowland Smith, Walla Walla, Wash.
Train Master—C. W. Taylor, Walla Walla, Wash.
Chief Engineer—Frank Riffle, Walla Walla, Wash.
Mast. Mech.—J. M. Graham, Walla Walla, Wash.
Road Master—J. M. Campbell, Walla Walla, Wash.

603 Oregon Pacific RR.

President—T. Egenton Hogg, Corvallis, Ore.
Vice-Pres. & G. Man.—William M. Hoag, Corvallis, Ore.
2d Vice-Pres.—Wallis Nash, Corvallis, Ore.
3d V.-Pres., Treas. & Asst. Sec. } Norman S. Bentley, New York, N. Y.
Compt. & Act. Gen. Fgt. & Pass. Agt. } C. C. Hogue, Corvallis, Ore.
Asst. to Gen. Man.—E. W. Hodley, Corvallis, Ore.
Master Mechanic—J. Hulme, Yaquina, Ore.

604 Orlando and Winter Park Ry.

President—Francis B. Knowles, Worcester, Mass.
Vice-President—J. R. Mizell, Winter Park, Fla.
Secretary—J. M. Russell, Winter Park, Fla.
Treasurer—C. H. Hutchins, Winter Park, Fla.
Superintendent—J. H. Abbott, Winter Park, Fla.
Local Secretary—George R. Newell, Winter Park, Fla.
Gen. Agent—H. S. Chubb, Winter Park, Fla.
Auditor—J. S. Capen, Winter Park, Fla.

605 Ottawa and Gatineau Valley RR.

(*Projected Line:* Ottawa to Karyabaryua, P. Q., 50 miles.)

President—H. J. Beemer, Montreal, P. Q.
Vice-President—Chas. H. Mackintosh, Ottawa, Ont.
Sec. & Treas., pro tem.—H. L. Maltby, Ottawa, Ont.
Supt. Const.—John Ryan, Montreal, Que.
Chief Engineer—W. D. Harris, Ottawa, Ont.

606 Ottumwa and Kirkville RR.

President—J. C. Peasley, Chicago, Ill.
Vice-Pres. & Gen. Man.—H. L. Waterman, Kirkville, Ia.
Secretary—H. E. Jarvis, Burlington, Ia.
Treasurer—S. A. Corey, Kirkville, Ia.

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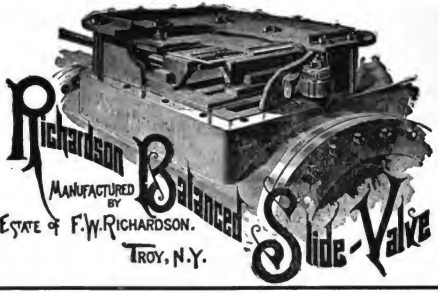
5000 LOCOMOTIVES EQUIPPED.



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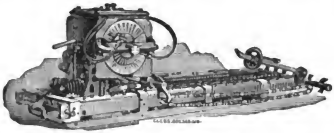

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607 Owensboro, Falls of Rough & Green River RR.

(*Projected Line:* Owensboro, Ky., to Falls of Rough, 38 miles; under contract.)

President—J. W. M. Field, Owensboro, Ky.
Vice-President—J. A. Fugua, Owensboro, Ky.
Secretary—G. V. Triplett, Owensboro, Ky.
Treasurer—Owensboro Saving Bank, Owensboro, Ky.
Gen. Manager—R. S. Triplett, Owensboro, Ky.
Gen. Fgt. & Pass. Agt. & Aud. } R. H. Rudd, Owensboro, Ky.
Chief Engineer—D. G. Seymour, Owensboro, Ky.

608 Oxford and Henderson RR.

President—A. H. A. Williams, Oxford, N. C.
Gen. Supt.—James A. White, Oxford, N. C.
Asst. Treas.—W. H. Hunt, Oxford, N. C.
Chf. Eng., Mast. Mech. & For. Car Rep. } Jas E. Lawrence, Oxford, N. C.
Road Master—L. M. King, Oxford, N. C.

609 Owensboro and Nashville Ry.

President—M. H. Smith, Louisville, Ky.
Secretary—J. H. Ellis, Louisville, Ky.
Gen. Manager—J. G. Metcalfe, Louisville, Ky.
Superintendent—J. W. Logsdon, Russellville, Ky.
Gen. Fgt. Agt.—J. M. Culp, Louisville, Ky.
Gen. Pass. Agt.—C. P. Atmore, Louisville, Ky.
Asst. G. Fgt. & Pass. Agt.—G. A. Park, Owensboro, Ky.

610 Pacific and Great Eastern Ry.

President—B. R. Davidson, Fayetteville, Ark.
Vice-President—David Dean, Ashland, Neb.
Treasurer—H. H. Dorsey, Wahoo, Neb.
Secretary—P. F. Davidson, Fayetteville, Ark.
Gen. Manager—Geo. S. Albright, Fayetteville, Ark.
Gen. Tkt. Agt.—S. K. Albright, Fayetteville, Ark.

611 Pacific Coast Ry.

President—Geo. C. Perkins, San Francisco, Cal.
Vice-President—John L. Howard, San Francisco, Cal.
Secretary—Edwin Goodall, San Francisco, Cal.
Treasurer—Oregon Improvement Co., San Fran., Cal.
Mgr., Gen. Fgt., Pass. & Pur. Agt. } J. M. Fillmore, San Luis Obispo, Cal.
Accountant—Jas. D. Amos, San Luis Obispo, Cal.
General Agents } Goodall, Perkins & Co., San Francisco, Cal.
For. Mach. & Car Rep. } O. Riley, San Luis Obispo, Cal.
Road Master—A. McCurdy, Los Olivos, Cal.

612 Palmetto RR.

President—J. P. Brinton, Philadelphia, Pa.
Vice-President—P. A. Welford, Richmond, Va.
Gen. Supt.—Wm. Moncure, Hamlet, N. C.
Treasurer—J. B. Winston, Richmond, Va.
Auditor—S. G. Godfrey, Cheraw, S. C.

613 Panama RR.

President—John Newton, New York, N. Y.
Vice-President—Chas. Coudert, New York, N. Y.
Sec. & Treas.—Ernest L. Oppenheim, New York, N. Y.
Gen. Supt.—A. L. Rives, Colon, Colombia.
Aud. & Cash. } L. N. Manahan, Colon, Colombia.
Gen. Pass. & Bag. Agt. } J. C. Warren, Colon, Colombia.
Purch. Agent—G. Reynaud, New York, N. Y.
Mast. Mech.—J. Beaumont, Colon, Colombia.
Land Com.—F. E. Müller, Colon, Colombia.
Road Mast. & Asst. Eng.—W. F. Dennis, Colon, Col.
Agent—Ernesto Icaza, Panama.
Agent—J. R. Abello, Colon, Colombia.

614 Pasadena RR.

President—L. J. Rose, Pasadena, Cal.
Vice-President—P. M. Green, Pasadena, Cal.
Secretary—A. B. Manahan, Pasadena, Cal.
Treasurer—First National Bank, Pasadena, Cal.
Gen. Manager—A. Bellanahar, Pasadena, Cal.
Auditor—R. M. Furlong, Pasadena, Cal.

615 Peach Bottom RR.

President—C. W. Leavitt, New York, N. Y.
Treasurer—Robert B. Patterson, Oxford, Pa.
Supt., Sec. & Purch. Agt.—G. Renie Dickey, Oxford, Pa.
Master Mech.—Joseph Hudders, Oxford, Pa.

616 Pennsboro' and Harrisville, Ritchie County Ry.

Pres., Treas., & Gen. Mgr. } M. P. Kimball, Pennsboro', W. Va.
Transf. Agt.
Secretary—W. H. Pierpont, Harrisville, W. Va.
Road Master—A. J. Ramsay, Pennsboro', W. Va.

617 Pennsylvania and North Western RR.

President—Chas. F. Berwind, Philadelphia, Pa.
Vice-President—Aaron Fries, Philadelphia, Pa.
Sec. & Treas.—Frank S. Lewis, Philadelphia, Pa.
Superintendent—W. A. Ford, Bellwood, Pa.
Engineer Main. of Way—C. F. Moore, Bellwood, Pa.
Auditor—C. K. Elder, Bellwood, Pa.
Mast. Mech.—G. Van Brunt, Bellwood, Pa.
Foreman Car Rep.—A. Zimmerman, Bellwood, Pa.

618 Pennsylvania Railroad Co.'s System.

GENERAL OFFICERS, PENNSYLVANIA RR. CO.

President—George B. Roberts, Philadelphia, Pa.
1st Vice-Pres.—Frank Thomson, Philadelphia, Pa.
2d Vice-Pres.—J. N. Du Barry, Philadelphia, Pa.
3d Vice-Pres.—John P. Green, Philadelphia, Pa.
Secretary—John C. Sims, Jr., Philadelphia, Pa.
Asst. Secretary—D. S. Newhall, Philadelphia, Pa.

TREASURY DEPARTMENT.

Treasurer—Robert W. Smith, Philadelphia, Pa.
Asst. Treasurer—Geo. E. Peabody, Philadelphia, Pa.
Cashier—B. F. Crawford, Philadelphia, Pa.
Cash. Emp. Line—W. M. Bruner, Philadelphia, Pa.
Receiving Teller—Chas. M. Lammot, Philadelphia, Pa.
Transfer Clerk—Charles D. Young, Philadelphia, Pa.
Bookkeeper—Henry P. Rutter, Philadelphia, Pa.

TRANSPORTATION DEPARTMENT.

Gen. Manager—Chas. E. Pugh, Philadelphia, Pa.
Chief Engineer—Wm. H. Brown, Philadelphia, Pa.
Asst. C. Eng.—Jos. T. Richards, Philadelphia, Pa.
Eng. of Sig.—Geo. D. Fowle, Philadelphia, Pa.
Insp. of Matls.—A. Gilpin, Philadelphia, Pa.
G. S. Mot. Power—Theo. N. Ely, Altoona, Pa.
Mech. Engineer—Axel S. Vogt, Altoona, Pa.
Asst. Engineer—John D. Bowman, Altoona, Pa.
Chemist—C. B. Dudley, Altoona, Pa.
Asst. Chemist—F. N. Pease, Altoona, Pa.
Chf. In. of Air B.—J. F. Elder, Philadelphia, Pa.
G. S. of Trans.—S. M. Prevost, Philadelphia, Pa.

PENNSYLVANIA RAILROAD DIVISION.

Gen. Supt.—F. L. Sheppard, Altoona, Pa.
Gen. Agt., Philadelphia—Wm. J. Latta, Philadel'lia, Pa.
Gen. Agt., Pittsburgh—R. Pitcairn, Pittsburgh, Pa.
Supt. Mot. Power—J. M. Wallis, Altoona, Pa.
Asst. Eng. Mot. Power—H. F. Cox, Altoona, Pa.
Mast. Mech. W. Phil. Mach. Shop—H. D. Garrett, W. Phila.
Gen. For. W. Phila. Car Shop—I. W. Van Houten, W. Phila.
Mast. Mech. Columbia Shop—A. O. Baker, Columbia, Pa.
Mast. Mech. Har. Mach. Shop—E. L. Caum, Harrisb'g, Pa.
Gen. For. Har. Car Shop—S. W. Myers, Harrisburg, Pa.
For. Har. Car Shop—R. T. Garland, Harrisburg, Pa.
Mast. Mech. Lewis. Shop—Isaiah Paxson, Lewist'n, Pa.
For. Huntingdon Shop—O. Gibson, Huntingdon, Pa.
For. Bedford Shop—Andrew Green, Bedford, Pa.
Mast. Mech. Alt. Mach. Shop—G. W. Strattan, Altoona, Pa.
Gen. For. Alt. Car Shop—John P. Levan, Altoona, Pa.
Mast. Mech. Conem. Shop—R. Zane, Conemaugh, Pa.
M. Mech. Blair. Mach. Shop—W. B. Norris, Blairsville, Pa.
Gen. For. Blairsv. Car Shop—M. H. Falls, Blairsville, Pa.
M. Mech. Pitts. Mach. Shop—D. O. Shaver, Pittsburgh, Pa.
Gen. For. Pitts. Car Shop—J. G. Stewart, Torrens, Pa.
Gen. For. Phil. Shop—Chas. N. Royce, Phillipston, Pa.
Gen. For. Ormsby Shop—Wm. Lininger, Ormsby, Pa.

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J. M. JOHNSON, Engineer.

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618 Pennsylvania Railroad Co.'s System. —*Continued.*

R'd. For. of Eng., Phila. Div.—S. A. Wood, West Phila.
Road For. Eng., Frederick Div. } A. R. Moss, Columbia, Pa.
Road For. of Eng., Middle Division } James B. Wells, Harrisburg, Pa.
Road For. of Eng., Tyrone Division } Joseph Parks, Tyrone, Pa.
Road For. of Eng., West Penn Div. } W. B. Norris, Blairsville, Pa.
Road For. of Eng., Pittsburgh Div. } J. K. Russell, Derry, Pa.
Eng. of Main. of Way—M. W. Thomson, Altoona, Pa.
Eng. Right of Way—Antes Snyder, Blairsville, Pa.

Division Superintendents.

Philadelphia Div.—Thomas Gucker, W. Phila., Pa.
Schuylkill Div.—James Reed, Reading, Pa.
Frederick Div.—Wilson Brown, York, Pa.
Middle Div.—O. E. McClellan, Harrisburg, Pa.
Lewistown Div.—Arthur W. Moss, Lewistown, Pa.
Bedford Div.—A. P. Gest, Bedford, Pa.
Tyrone Div.—S. S. Blair, Tyrone, Pa.
Altoona Div.—L. K. Lodge, Altoona, Pa.
West Penn. Div.—J. B. Hutchinson, Allegheny City, Pa.
Pittsburgh Div.—Robert Pitcairn, Pittsburgh, Pa.
Monongahela Div.—D. M. Watt, Pittsburgh, Pa.

UNITED RAILROADS OF NEW JERSEY DIVISION.

Gen. Supt.—F. Wolcott Jackson, Jersey City, N. J.
Gen. Agent—O. J. Geer, New York, N. Y.
Su. Grain Elev.—Robert A. Shirrefs, Jersey City, N. J.
Supt. Mot. Pow.—H. S. Hayward, Jersey City, N. J.
Asst. Eng. Mot. Pow.—S. Porcher, Jersey City, N. J.
Mast. Mech. Mead. Shop—J. W. Sanford, Meadows, N.J.
Gen. For. J. C. Shop—D. H. Baker, Jersey City, N. J.
Mast. Mech. Hobo. Shop—H. Canfield, Hoboken, N. J.
Gen. For. Ship Carp.—Jos. Wilson, Jersey City, N. J.
M. Mech. Lambertv. Shop—R. McDowell, Lambertv., N.J.
Mast. Mech. S. Amboy Shop—T. Kerr, So. Amboy, N. J.
Gen. For. S. Amboy Shop—P. S. Bogart, So. Amboy, N.J.
Mast. J. Mech. Cam. Shop—Rufus Hill, Camden, N. J.
Master Mechanic, Camden Station } W. McAlister, Camden, N. J.
Rd. For. of Eng. N.Y.D.—J. A. Covert, Jersey City, N.J.
Rd. For. of Eng. Am. D.—J. O. Thompson, Camden, N.J.
Rd. For. of Eng. Bel. D.—R. McDowell, Lambertv., N.J.
Eng. of Main. of Way—E. F. Brooks, Jersey City, N. J.
Supt. J. C. Ferries—R. Bloomsburg, Jersey City, N. J.
For. of Eng. Float. Equip.—J. Pearson, Jersey City, N. J.

Division Superintendents.

New York Div.—Joseph Crawford, Jersey City, N. J.
Amboy Div.—W. N. Bannard, Camden, N. J.
Belvidere Div.—W. Heyward Myers, Lambertville, N.J.

PHILADELPHIA & ERIE RR. DIVISION.

Gen. Supt.—Robert Neilson, Williamsport, Pa.
Supt. Mot. Power—Edw. D. Nelson, Williamsport, Pa.
Mast. Mech. Sunbury Shop—H. K. Stout, Sunbury, Pa.
Mast. Mech. Renovo Shop—Wm. L. Holman, Renovo, Pa.
Mast. Mech. Erie Shop—James Gaskill, Erie, Pa.
Gen. For. Erie Car Shops—David Cowley, Erie, Pa.
Road For. of Eng., Eastern Division } Chas. May, Sunbury, Pa.
Road For. of Eng., Middle Division } John W. Sheldon, Renovo, Pa.
Road For. of Eng., Western Division } Lewis Hutchins, Erie, Pa.
Road For. of Eng., Sunbury Division } H. B. Carr, Sunbury, Pa.
Eng. Main. of Way—L. H. Barker, Williamsport, Pa.
Asst. En.—Wm. A. MacCart, Williamsport, Pa.

Division Superintendents.

Sunbury Div.—Frank Ellmaker, Sunbury, Pa.
Eastern Div.—Ezra B. Westfall, Williamsport, Pa.
Middle Div.—Thos. A. Roberts, Renovo, Pa.
Western Div.—J. W. Reynolds, Erie, Pa.

RELIEF DEPARTMENT.

Superintendent—J. A. Anderson, Trenton, N. J.
Asst. Superintendent—Holmes D. Ely, Trenton, N. J.

618 Pennsylvania Railroad Co.'s System. —*Continued.*

FREIGHT DEPARTMENT.

Gen. Fgt. Agt.—Wm. H. Joyce, Philadelphia, Pa.
Asst. Fgt. Agt.—Chas. A. Chipley, Philadelphia, Pa.
Fgt. Claim Agt.—F. D. Howell, Philadelphia, Pa.
Gen. Agt.—O. J. Geer, New York, N. Y.
Man. Empire Line—Geo. M. Ball, Philadelphia, Pa.
West. Supt. Empire Line—L. G. Kies, Cleveland, O.
Man. Union Line—D. S. Gray, Columbus, O.
East. Supt. Union Line } F. H. Kingsbury, New York, N. Y.
West. Supt. Union Line—E. A. Dawson, Chicago, Ill.

PASSENGER DEPARTMENT.

Gen. Pass. Agt.—Jas. R. Wood, Philadelphia, Pa.
Asst. Gen. Pass. Agt.—Geo. W. Boyd, Philadelphia, Pa.
Gen. Bag. Agt.—F. J. McWade, Philadelphia, Pa.

PURCHASING DEPARTMENT.

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Asst. Purch. Agt.—A. W. Sumner, Philadelphia, Pa.

ACCOUNTING DEPARTMENT.

Comptroller—Robt. W. Downing, Philadelphia, Pa.
As. Comp. & Au. Pass. Rec.—M. Riebenack, Phila., Pa.
Aud. Fgt. Rec.—G. M. Taylor, Philadelphia, Pa.
Aud. of Coal Fgt. Rects.—Jeff. Justice, Philadelphia, Pa.
As. Aud. Pass. Rc.—A. J. Gillingham, Philadelphia, Pa.
Aud. Disb.—Thos. R. Davis, Philadelphia, Pa.
Asst. Aud. of Disb.—J. D. Greene, Philadelphia, Pa.
Aud. Empire Line—F. M. Bissell, Philadelphia, Pa.
Asst. Aud. Empire Line—Oscar A. Knipe, Phila., Pa.
Aud. Union Line—John T. Denniston, Pittsburgh, Pa.
Aud. Can. & Coal Co.—Wm. Hacker, Philadelphia, Pa.

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Gen. Solicitor—John Scott, Philadelphia, Pa.
Asst. Gen. Sol.—James A. Logan, Philadelphia, Pa.

REAL ESTATE DEPARTMENT.

Real Estate Agent—John C. Wilson, Philadelphia, Pa.
Chief Conveyancer—Geo. W. I. Ball, Philadelphia, Pa.

INSURANCE DEPARTMENT.

Secretary—Hugh B. Ely, Philadelphia, Pa.

EMPLOYEES' SAVING FUND.

Superintendent—D. S. Newhall, Philadelphia, Pa.

619 Pennsylvania Company's System.

(The Pennsylvania Company, the Pittsburgh, Cincinnati and St. Louis Ry. Co., and the Chicago, St. Louis and Pittsburgh RR. Co.) Following are the general officers of all three companies, *except* in such cases where the official titles are followed by the numbers 1, 2 or 3, these numbers signifying that the official named holds office only in the companies which those numbers designate, as follows: 1, Pennsylvania Company; 2, Pittsburgh, Cincinnati and St. Louis Ry. Co; 3, Chicago, St. Louis and Pittsburgh RR. Co.

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1st Vice-Pres.—J. N. McCullough, Pittsburgh, Pa.
2d Vice-Pres.—James McCrea, Pittsburgh, Pa.
3d Vice-Pres.—Thos. D. Messler, Pittsburgh, Pa.
Gen. Counsel—J. T. Brooks, Pittsburgh, Pa.
Secretary—S. B. Liggett, Pittsburgh, Pa.
Asst. Secretary—S. W. White, Philadelphia, Pa.

ACCOUNTANT DEPARTMENT.

Comptroller—Thos. D. Messier, Pittsburgh, Pa.
Asst. Cont.—John W. Renner, Pittsburgh, Pa.
Aud. Fgt. Rec'pts—Albert McElevey, Pittsburgh, Pa.
Aud. Pass. Rec'pts—J. P. Farley, Pittsburgh, Pa.
Aud. Disb.—James Instan, Pittsburgh, Pa.
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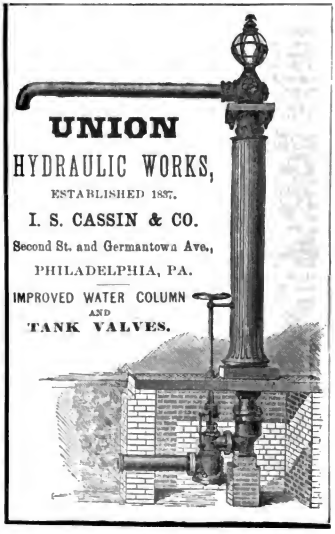

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Asst. Treas.—J. P. Henderson, Pittsburgh, Pa.
Asst. Treas.—M. C. Spencer, Pittsburgh, Pa.

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Gen. Supt. Transp.—E. B. Taylor, Pittsburgh, Pa.
Gen. Supt.—Chas. Watts, Pittsburgh, Pa.
Chief Engineer—Thomas Rodd, Pittsburgh, Pa.
Consult. Eng.—F. Slataper, Pittsburgh, Pa.
Supt. Mo. Power—F. D. Casanave, Fort Wayne, Ind.
Supt. of Tel.—E. C. Bradley, Crestline, O.
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Gen. Fgt. Agt.—Wm. Stewart, Pittsburgh, Pa.
Purch. Agent—William Mullins, Pittsburgh, Pa.
Gen. Ag. C. & P. RR.—John Thomas, Cleveland, O.

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N. W. O. RR.—J. S. Morris, Toledo, O.
P., Ft. W. & C. R.—A. B. Starr, Allegheny, Pa.
P., Ft. W. & C. R.—C. D. Law, Fort Wayne, Ind.
E. & P. and A. & P. RRs.—J. M. Kimball, Lawrence Jc., Pa.

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Gen. Supt. Transp.—E. B. Taylor, Pittsburgh, Pa.
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Chief Eng.—M. J. Becker, Pittsburgh, Pa.
Supt. M. Power—Edward B. Wall, Columbus, O.
Supt. Tel.—E. C. Bradley, Pittsburgh, Pa.

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Eng. Main. of Way—G. W. Kittredge, Pittsburgh, Pa.
Mast. Mech.—C. B. Street, Dennison, O.
Mast. Mech.—W. W. Reynolds, Columbus, O.
Mast. Car Paint.—H. M. Billings, Columbus, O.

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Eng. Main. of Way—C. E. Lindsay Cincinnati, O.
Mast. Mech.—Leroy Kells, Cincinnati, O.
Mast. Car Paint.—Geo. R. Underwood, Cincinnati, O.

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Gen. Fgt. Agent—R. W. Geiger, Louisville, Ky.
Eng. Main. of Way—B. W. Taylor, Louisville, Ky.

INDIANAPOLIS AND VINCENNES.

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Eng. Main. of Way—Edward Hill, Indianapolis, Ind.
T. M. & R. F. Eng.—Jas. Landers, Indianapolis, Ind.

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Eng. Main. of Way—F. T. Hatch, Richmond, Ind.
Mast. Mech.—W. Swanston, Indianapolis, Ind.

Second and Fourth Divisions.

Superintendent—C. M. Bennett, Logansport, Ind.
Eng. Main. of Way—W. S. Newhall, Logansport, Ind.
Master Mech.—W. C. Arp, Logansport, Ind.

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Asst. Fgt. Agt.—Charles L. Cole, Pittsburgh, Pa.
Asst. Fgt. Agt.—D. T. McCabe, Columbus, O.
Freight Agt.—S. F. Gray, Indianapolis, Ind.
Gen. W. D. A.—J. B. Hill, Chicago, Ill.
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C. Asst. G. P. A.—F. Van Dusen, Pittsburgh, Pa.
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620 Pennsylvania, Poughkeepsie & Boston RR.

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Asst. Gen. Man.—T. W. Kennan, Goshen, N. Y.
Secretary—Morris R. Bockius, Philadelphia, Pa.
Treasurer—Joseph R. Sagee, Philadelphia, Pa.
Gen. Fgt. & Pass. Agt.—Chas. E. Mack, Phila., Pa.
Auditor—E. J. Fallon, Philadelphia, Pa.
Gen. Superintendent—C. H. Stanton, Goshen, N. Y.
Purch. Agt.—W. Gibbs, Goshen, N. Y.
Chief Engineer—S. G. Primrose, Goshen, N. Y.

621 Pensacola and Andalusia RR.

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Treas. & Sec.—E. H. Skinner, Escambia, Fla.
Superintendent—Henry McDavid, Chumuckla, Fla.
Chief Engineer—R. E. Lewis, Chumuckla, Fla.

622 Pensacola and Atlantic RR.

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Chief Engineer—R. Montfort, Louisville, Ky.
Superintendent—E. O. Saltmarsh, Pensacola, Fla.
Gen. Fgt. & Pass. Agt.—J. M. Culp, Louisville, Ky.
Gen. Fgt. Agt.—Theo. Welch, Montgomery, Ala.
Div. Fgt. Agt.—F. C. Shepard, Pensacola, Fla.
Gen. Pass. Agt.—C. P. Atmore, Louisville, Ky.
Master Mech.—C. F. Giles, Pensacola, Fla.
Road Master—Thomas Maney, Pensacola, Fla.

623 Pensacola and Perdido RR.

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Sec. & Tr. & Pur. Ag.—H. W. Simmons, Pensacola, Fla.
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Road Master & Supt. Bridges—Thomas Hollihan, Pensacola, Fla.
Mast. Mach. & Car Reps.—G. L. Napier, Pensacola, Fla.

624 People's Railway.

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Sec., Tr., Sup. & Pur. Ag.—W. D. Pollard, Pottsville, Pa.
For. Rep. Shops—John Diener, Pottsville, Pa.

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Vice-President—W. S. Hook, Jacksonville, Ill.
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Engineer Main. of Way—James E. Palmer, Peoria, Ill.
Mast. Mech. & Mas. Car Bldr.—Jas. W. Hill, Peoria, Ill.
Accountant—T. T. Dwight, Peoria, Ill.
Supt. Teleg.—J. H. Morrison, Peoria, Ill.
For. Car Rep.—J. G. Evans, Peoria, Ill.
For. Br. & Bldgs.—G. Witzler, Peoria, Ill.

626 Peoria, Decatur and Evansville Ry.

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Vice-President—Wm. Heilman, Evansville, Ind.
Gen. Manager—W. D. Ewing, Evansville, Ind.
Secretary—R. A. Gambrill, New York, N. Y.
Treasurer—W. J. Lewis, Evansville, Ind.
Auditor—E. B. Cooke, Evansville, Ind.
Superintendent—R. B. Starbuck, Mattoon, Ill.
Traffic Manager—G. J. Grammer, Evansville, Ind.
Gen. Fgt. & Pass. Agt.—E. O. Hopkins, Peoria, Ill.
Purch. Agt.—H. L. Dunham, Evansville, Ind.
Chief Engineer—T. A. Allen, Evansville, Ind.
Master of Transp.—N. B. Patterson, Mattoon, Ill.
Master Mechanic—C. C. Robinson, Mattoon, Ill.
Road Master—F. D. Williams, Olney, Ill.
Road Master—C. E. Keyes, Pekin, Ill.
Supt. Br. & Bldgs.—S. P. Munson, Pekin, Ill.

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Secretary—J. R. Hanna, Monmouth, Ill.
Treasurer—William Hanna, Monmouth, Ill.
Chief Engineer—J. F. Wallace, Monmouth, Ill.

628 Perkiomen RR.

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Treas. & Purch. Agt.—H. Boyd, Norristown, Pa.
Secretary—Philip Super, Pennsburg, Pa.
Superintendent—D. B. Clack, Perkiomen Jc., Pa.
Chf. Eng. & Controller—G. B. Boggs, Norristown, Pa.
Auditor—F. C. Boggs, Norristown, Pa.
Road Master—John Polster, Green Lane, Pa.

629 Perry County RR.

(*Projected Line:* New Bloomfield to Duncannon, Pa., 11 miles.)

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Vice-President—John Wister, Duncannon, Pa.
Secretary—Jas. W. Shull, New Bloomfield, Pa.
Treasurer—C. H. Smiley, New Bloomfield, Pa.
Supt., Chief Eng. & Purch. Agt.—James Elliot, New Bloomfield, Pa.

630 Philadelphia and Reading RR.

President—A. A. McLeod, Philadelphia, Pa.
Treasurer—W. A. Church, Philadelphia, Pa.
Secretary—W. R. Taylor, Philadelphia, Pa.
General Supt.—I. A. Sweigard, Philadelphia, Pa.
Asst. Gen. Supt.—M. F. Bonzano, Philadelphia, Pa.
Gen. Fgt. Agt.—B. H. Ball, Philadelphia, Pa.
Asst. Gen. Fgt. Agt.—F. W. Stone, Philadelphia, Pa.
Div. Fgt. Agt.—D. S. Grafly, Philadelphia, Pa.
Coal Fgt. Agt.—Ceo. C. Coughlin, Philadelphia, Pa.
Fgt. Claim. Agt.—F. W. Fowkes, Philadelphia, Pa.
Gen. Pass. Agt.—C. G. Hancock, Philadelphia, Pa.
Chief Engineer—H. K. Nichols, Philadelphia, Pa.
Asst. Chief Eng.—Wm. Hunter, Philadelphia, Pa.
Purch. Agt.—H. C. Norton, Philadelphia, Pa.
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Second Register—John Walker, Jr., Philadelphia, Pa.
Comptroller—D. Jones, Philadelphia, Pa.
Aud. Coal Traf.—H. W. Hancock, Philadelphia, Pa.
Aud. Mdse. Traf.—W. B. Scott, Philadelphia, Pa.
Aud. Pass. Traf.—Edward Mahler, Philadelphia, Pa.
Aud. of Disb.—W. G. Brown, Philadelphia, Pa.
Aud. Traf. Recta.—George Ziegler, Philadelphia, Pa.
Transp. Mast.—O. W. Stager, Philadelphia, Pa.
Asst. Gen. Car Agt.—C. E. Metzler, Philadelphia, Pa.
Supt. Steam Colliers—W. B. Gallagher, Philadelphia, Pa.
Gen. Bag. Agt.—H. W. Sonders, Philadelphia, Pa.
Paymaster—A. W. Guy, Philadelphia, Pa.
Supt. M. P. & R. E.—L. B. Paxson, Reading, Pa.
Supt. P. & N. Y. Div.—G. D. Whitcomb, Phila., Pa.
Ast. Sup. P. & N. Y. Div.—I. T. Bossert, Philadelphia, Pa.
Supt. Main Line Div.—R. B. Cable, Reading, Pa.
Acting Asst. Supt. Main Line Div.—M. E. Blaine, Philadelphia, Pa.
Supt. W'msport Div.—C. M. Lawler, Williamsport, Pa.
Ast. Supt. W'msport Div.—W. Bertolet, Shamokin, Pa.
Supt. Catawissa Div.—W. G. Yetter, Catawissa, Pa.
Supt. Pine Grove Div.—H. W. Tracy, Pine Grove, Pa.
Supt. Read. & Col. Div.—A. M. Wilson, Columbia, Pa.
Gen. Storekeeper—H. J. Hayden, Reading, Pa.
Supt. of Telegraph—E. R. Adams, Reading, Pa.
Supt. & Eng. of Canals—E. F. Smith, Reading, Pa.
Mast. Car Builder—John H. Rankin, Reading, Pa.
Gen. Road Foreman of Engines—C. G. Steffe, Reading, Pa.
Foreman Bridges & Buildings—John Foreman, Pottstown, Pa.

631 Philadelphia, Newtown and New York RR.

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Sec., Treas. & Pu. A.—Howard Boyd, Norristown, Pa.
Superintendent—W. M. Geary, Philadelphia, Pa.
Auditor—O. C. Knipe, Norristown, Pa.
Road Master—A. D. Stoser, Philadelphia, Pa.

632 Philadelphia, Wilmington & Baltimore RR.

Executive Department.

President—Geo. B. Roberts, Philadelphia, Pa.
Vice-President—Frank Thomson, Philadelphia, Pa.
Secretary—John C. Sims, Jr., Philadelphia, Pa.
Asst. Sec.—D. S. Newhall, Philadelphia, Pa.
Treasurer—Robt. W. Smith, Philadelphia, Pa.

Transportation Department.

Gen. Manager—Chas. E. Pugh, Philadelphia, Pa.
Chief Engineer—Wm. H. Brown, Philadelphia, Pa.
Asst. Chief Eng.—Jos. T. Richards, Philadelphia, Pa.
G. S. Mot. Power—Theo. N. Ely, Altoona, Pa.
G. S. Transp.—S. M. Provost, Philadelphia, Pa.
Gen. Superintendent—H. F. Kenney, Philadelphia, Pa.
General Agent—G. C. Wilkins, Philadelphia, Pa.
Sup. Mot. Power—R. E. Marshall, Philadelphia, Pa.
Master Mech.—C. G. Turner, Wilmington, Del.
Eng. Main. of Way—A. Feldpauche, Philadelphia, Pa.
Supt. Mid. Div.—H. H. Carter, Wilmington, Del.
Supt. Cent. Div.—R. L. Holliday, Media, Pa.
Supt. Del. Div.—I. N. Mills, Clayton, Del.
Supt. Relief Dept.—J. A. Anderson, Trenton, N. J.
Asst. Supt. Rel. Dept.—Holmes D. Ely, Trenton, N. J.

Freight Department.

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Asst. Gen. Fgt. A.—C. A. Chipley, Philadelphia, Pa.
Div. Fgt. Agt.—Geo. Stephens, Philadelphia, Pa.
Fgt. Claim Agent—F. D. Howell, Philadelphia, Pa.

Passenger Department.

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Asst. G. P. A.—Geo. W. Boyd, Philadelphia, Pa.
Div. T. Agent.—D. C. Walsh, Philadelphia, Pa.
Gen. Bag. Agt.—F. J. McWade, Philadelphia, Pa.

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As. Pur. Agt.—A. W. Sumner, Philadelphia, Pa.

Accounting Department.

Comptroller—Rob't W. Downing, Philadelphia, Pa.
Asst. Compt. & Aud. P. Rcts.—M. Riebenack, Philadelphia, Pa.
Aud. Fgt. Rec.—Geo. M. Taylor, Philadelphia, Pa.
Aud. Coal Fgt. Rec.—Jeff. Justice, Philadelphia, Pa.
Asst. Aud. Pass. Rcts.—A. J. Gillingham, Philadel'a, Pa.
Aud. Disb.—Thos. R. Davis, Philadelphia, Pa.
Asst. Aud. Disb.—J. D. Greene, Philadelphia, Pa.

Legal Department.

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Asst. Gen. Sol.—Jas. A. Logan, Philadelphia, Pa.

Real Estate Department.

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Chief Conveyancer—Geo. W. I. Ball, Philadelphia, Pa.

Insurance Department

Insurance Agent—Hugh B. Ely, Philadelphia, Pa.

633 Pine Bluff, Monroe and New Orleans RR.

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Vice-President—T. F. Barks, Pine Bluff, Ark.
Sec. & Treas.—C. M. Neel, Jr., Pine Bluff, Ark.
Chief Engineer—J. J. Martin, Pine Bluff, Ark.
Mgr. F. & P. A.—Ben Buck, Pine Bluff, Ark.
Road Master—John McCrery, Pine Bluff, Ark.
Superintendent—J. R. Taylor, Pine Bluff, Ark.

634 Pittsburgh and Castle Shannon RR.

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Vice-President—James M. Bailey, Pittsburgh, Pa.
Treas. & Sec.—E. J. Reamer, Pittsburgh, Pa.
Supt. & Purch. Agt.—John Jahn, Pittsburgh, Pa.
Aud. G. P. & F. A.—E. J. Reamer, Pittsburgh, Pa.
Master Mech.—H. Ward, Castle Shannon, Pa.
Mast. Car Bldr.—R. A. A. Patterson, Pittsburgh, Pa.

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635 Pittsburgh and Lake Erie RR.

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Gen. Fgt. Agt.—Frank A. Dean, Pittsburgh, Pa.
Gen. Solicitors—Knox & Reed, Pittsburgh, Pa.
Asst. Eng.—J. W. Kelly, Pittsburgh, Pa.
Gen. Pass. Agt.—A. E. Clark, Pittsburgh, Pa.
Gen. Fgt. Agt.—F. A. Dean, Pittsburgh, Pa.
Auditor—C. H. Bronson, Pittsburgh, Pa.
Master Mech.—L. H. Turner, Chartiers, Pa.
Mast. Transp.—J. B. Yohe, Pittsburgh, Pa.
Train Master—Chas. Dietrick, Chartiers, Pa.
Purchasing Agt.—R. Evans, Pittsburgh, Pa.
Car Accountant—C. H. Teal, Pittsburgh, Pa.
Road Supt. So. Div.—J. W. Curcoran, Beaver Falls, Pa.
Road Supt. No. Div.—Jas. Walte, Pittsburgh, Pa.
Road Supt. P. McK. & Y. RR. } Chas. Errickson, McKeesport, Pa.
Road Supt. & Asst. Train Mast. P. McK. & B. V. RR. } O. A. Rogers, Reynoldton, Pa.
Fore. Loc. Rep. { P. L. Redding, Chartiers, Pa. / J. E. Simmons, Chartiers, Pa. / E. Tait, Youngstown, O.
Fore. Car. Rep. { G. F. Naylor, Charilers, Pa. / W. H. Tallman, Dickerson Run, Pa.
Fore. Car Pntrs.—William Quest, Chartiers, Pa.
Supt. Br. & Buildings—Geo. H. Soles, Pittsburgh, Pa.
Land & Claim Agt.—H. S. Kiehl, Pittsburgh, Pa.

636 Pittsburgh and Western Ry.

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Vice-President—A. J. Thomas, New York, N. Y.
Gen. Manager—M. A. McDonald, Allegheny, Pa.
Secretary—T. J. Crump, Allegheny, Pa.
Auditor—J. L. Kirk, Allegheny, Pa.
Supt. West. & Lake Divs. } H. C. Boughton, New Castle Junc., Pa.
Supt. North. Div.—G. B. Russell, Foxburgh, Pa.
Gen. Fgt. Agt.—W. L. Cromlish, Allegheny, Pa.
Gen. Pass. & Tkt. Agt.—C. W. Bassett, Allegheny, Pa.
Chief Engineer—Paul Didier, Allegheny, Pa.
Gen. Road Mast.—L. P. Baker, Allegheny, Pa.
Supt. Bridges—A. S. Markley, Allegheny, Pa.
Car Accountant—J. Cooley, Allegheny, Pa.
Paymaster—W. C. Dow, Allegheny, Pa.

637 Pittsburgh, Chartiers & Youghiogheny RR.

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Sec. & Treas.—R. T. Hill, Pittsburgh, Pa.
Chief Eng. & Supt.—G. S. Davison, McKee's Rocks, Pa.

638 Pittsburgh, Marion and Chicago Ry.

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Treas. & As. Sec.—Henry M. Curtis, New York, N. Y.
Secretary—R. W. Taylor, New Lisbon, O.
Counsel—N. B. Billingsley, New Lisbon, O.
Gen. Man. & Purch. Agt.—N. F. Wood, New Lisbon, O.
Gen. Fgt. & Pass. Agt.—K. E. Baringer, New Lisbon, O.
Master Mechanic—Jacob Snyder, New Galilee, Pa.

639 Pittsburgh, Shenango and Lake Erie RR.

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Vice-President—A. H. Steele, New York, N. Y.
Gen. Man.—J. T. Blair, Greenville, Pa.
Secretary and Aud.—P. E. McCray, Greenville, Pa.
Treasurer—Daniel Moore, Greenville, Pa.
Gen. Pass. & Ticket Purch. Agt. } W. G. Sargeant, Greenville, Pa.
Gen. Fgt. Agt.—W. H. Garrett, Greenville, Pa.
Mast. Mech. & Mast. Car. Rep. } E. Richardson, Shenango, Pa.
Supt. of Br. & Bldgs.—E. Fisher, Greenville, Pa.
Road Master—G. W. Considine, Fredonia, Pa.
M. Trans. & C. A.—M. L. Osterhont, Greenville, Pa.

640 Pomeroy, Middleport and Syracuse RR.

(*Projected Line:* Middleport Station to Syracuse, O., 9.2 miles; under construction.)

Secretary—T. Wm. Harris, 44 B'way, New York, N. Y.
Chief Engineer—Jas. S. C. Taber, Pomeroy, O.

641 Pontiac, Oxford and Northern RR.

President—G. W. Debevoise, New York, N. Y.
Vice-Pres. & Treas.—Hugh Porter, New York, N. Y.
General Man.—Chas. H. Stone, New York, N. Y.
Secretary—Wm. H. Murphy, New York, N. Y.
Gen. Supt., G. P. & F. Agt.—J. Houston, Pontiac, Mich.
Auditor & Purch. Agt.—W. C. Sanford, Pontiac, Mich.
Chief Eng. & Rd. Mast.—G. A. Nettleton, Pontiac, Mich.
Mast. Mech.—F. H. Neward, Pontiac, Mich.
Supt. of Teleg.—J. E. Thacher, Pontiac, Mich.

642 Pontiac Pacific Junction Ry.

President—L. Ruggles Church, Montreal, P. Q.
Vice-Pres. & Man. Dir.—H. J. Beemer, Montreal P. Q.
Sec., Treas. & Aud. of Traffic & Pur. Agent } Herbert L. Maltby, Montreal, P. Q.
Supt., Gen. Fgt. & Pass. Agent } J. T. Prince, Aylmer, P. Q.
Paymaster—Frank Brennan, Montreal, P. Q.
Chief Engineer—W. D. Harris, Ottawa, Ont.
Mast. Mech. & Car Br.—G. W. Pangburn, Aylmer, P. Q.
Supt. Constr.—A. Howard Leggo, Ottawa, Ont.
Road Master—Jos. Leslie, Aylmer, P. Q.

643 Port Clinton Short Line RR.

(*Projected Line:* Port Clinton to Fremont, O., 20 miles; graded.)

Pres., Treas. & Chief Eng. } E. H. Brennan, Port Clinton, O.
Secretary—John H. Buck, Port Clinton, O.

644 Port Jervis, Monticello and New York RR.

President—P. E. Farnum, Port Jervis, N. Y.
Vice-President—Wade Buckley, Port Jervis, N. Y.
Treasurer—O. P. Howell, Port Jervis, N. Y.
Secretary—W. H. Nearpass, Port Jervis, N. Y.
Gen. Manager—B. Ryall, Port Jervis, N. J.
Auditor—Geo. M. Wells, Port Jervis, N. Y.
Road Master—A. Van Aken, Port Jervis, N. Y.

645 Portland and Rochester RR.

President—George P. Westcott, Portland, Me.
Treas. & Sec.—W. H. Conant, Portland, Me.
Supt. & Pur. Agt.—J. W. Peters, Portland, Me.
Gen. Tkt. Agent—J. W. Peters, Portland, Me.
Road Master & Supt. Bridges } J. Morrill, Rochester, N. H.
Mast. Mech. & M. Car Reps. } E. H. C. Tompson, Portland, Me.
For. Car Pnts.—M. S. Hodsdon, Portland, Me.

646 Portland and Vancouver RR.

President—Frank Dekum, Portland, Ore.
Sec. & Attorney—Geo. H. Durham, Portland, Ore.
Treasurer—R. L. Durham, Portland, Ore.
Auditor & Asst. Treas.—H. C. Stratton, Portland, Ore.
Supt. T. S. & R. S.—C. C. Grimes, East Portland, Ore.
Gen. Fgt. & Tkt. Agt.—H. H. Holmes, E. Portland, Ore.

647 Portland & Willamette Valley RR.

President—C. F. Crocker, San Francisco, Cal.
Vice-Pres. & Treas.—Wm. Reid, Portland, Ore.
Secretary—Edwin Wilcox, Portland, Ore.
Gen. Manager—R. Koehler, Portland, Ore.
Superintendent—John McGuire, Portland, Ore.
Act. Auditor—E. A. Boardman, Portland Ore.

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648 Portland Union Ry. and Station Co.

President—Arthur Sewall, Portland, Me.
Treasurer—Thomas P. Shaw, Portland, Me.

649 Port Townsend Southern RR.

President—Elijah Smith, New York, N. Y.
Vice-President—H. W. McNeill, Seattle, Wash.
Treasurer—H. McLellan, Port Townsend, Wash.
Supt. Construction—F. A. Hill, Port Townsend, Wash.
Chief Engineer—J. B. Hogg, Port Townsend, Wash.

650 Potomac, Fredericksburg & Piedmont RR.

President—L. H. Richards, Philadelphia, Pa.
Gen. Man. & Tr.—W. H. Richards, Fredericksburg, Va.
Acting Sec.—S. G. Daniel, Fredericksburg, Va.
Road Master—W. Goldsmith, Fredericksburg, Va.
Road Carpent.—W. Livingston, Fredericksburg, Va.
Master Mach.—W. P. Johnson, Fredericksburg, Va.

651 Prescott and Arizona Central RR.

Pres. & G. M.—Thos. S. Bullock, New York, N. Y.
Vice-President—J. J. Fisher, St. Louis, Mo.
Treasurer—W. E. Hazeltine, Prescott, Ariz.
Secretary—W. N. Kelly, Prescott, Ariz.
Gen. Manager—T. S. Bullock, New York, N. Y.
Auditor—Lemuel H. Wilson, New York, N. Y.
Mast. Mech.—L. W. Patton, Prescott, Ariz.
Gen. Supt. & Traffic Man.—W. B. Jones, Prescott, Ariz.
Supt. Bridges—W. C. Potts, Prescott, Ariz.
Supt. of Teleg.—R. H. Hetherington, Prescott, Ariz.
Road Master—T. J. Carrigan, Prescott, Ariz.

652 Profile and Franconia Notch RR.

President—Benj. A. Kimball, Concord, N. H.
Treas. & Supt.—C. H. Greenleaf, Profile House, N. H.
Clerk—John P. George, Concord, N. H.
Gen. Fgt. Agt.—Geo. T. Cruft, Profile House, N. H.
Road Master—Peter Cassidy, Bethlehem Junc., N. H.

653 Prospect Park and Coney Island RR.

Pres. & Pur. Agt.—Andrew R. Culver, Brooklyn, N. Y.
Treas. & G. Tkt. & Trans. Agt.—A. C. Washington, New York, N. Y.
Secretary—H. A. Faron, Brooklyn, N. Y.
Eng. & Supt.—R. Schermerhorn, Brooklyn, N. Y.
Auditor—Wm. J. Bonner, Brooklyn, N. Y.
Cashier—Lysander Stacy, Brooklyn, N. Y.
Master Mech.—H. H. Missimer, Brooklyn, N. Y.
For. Car Rprs.—Daniel Slater, Brooklyn, N. Y.
For. Car Patrs.—James Carney, Brooklyn, N. Y.

654 Providence and Springfield RR.

Pres., Gen. M. & Purch. Agt.—Wm. Tinkham, Providence, R. I.
Vice-President—A. C. Barstow, Jr., Providence, R. I.
Treasurer—E. W. Tinkham, Providence, R. I.
Auditor—G. L. Hoyle, Providence, R. I.
G. Fgt. & Ps. A.—Fred. F. Arnold, Providence, R. I.
Master Mech.—J. C. Bradford, Providence, R. I.
Road Master—Robert B. Bishop, Providence, R. I.

655 Providence, Warren and Bristol RR.

President—Chas. F. Choate, Boston, Mass.
Gen. Manager—J. R. Kendrick, Boston, Mass.
Treasurer—J. M. Washburn, Boston, Mass.
Superintendent—I. N. Marshall, Boston, Mass.
Gen. Agent—Everard Holmes, Providence, R. I.
Gen. Pass. & Tkt. Agt.—Geo. L. Connor, Boston, Mass.
Gen. Fgt. Agt.—S. C. Putnam, Boston, Mass.

656 Puget Sound Shore RR.

Pres. & Treas.—T. H. Tyndale, Seattle, Wash.
Vice-President—A. A. Denny, Seattle, Wash.
Manager & Sec.—J. A. Nadeau, Seattle, Wash.
G. F. & P. A.—J. A. Nadeau, Seattle, Wash.

657 Quebec and Lake St. John Ry.

President—Frank Ross, Quebec, Que.
Vice-President—E. Beaudet, Quebec, Que.
Vice-President—Simon Peters, Quebec, P. Q.
Sec. & Manager—J. G. Scott, Quebec, Que.
Auditor—James Piddington, Quebec, Que.
Gen. F. & P. Ag.—Alexandre Hardy, Quebec, Que.
Asst. Supt.—P. Allen, St. Raymond, Que.
Chief Engineer—E. A. Hoare, Quebec, Que.
Asst. Engineer—S. S. Oliver, Quebec, P. Q.
Cons. Engineer—A. L. Light, Quebec, Que.
Mast. Mechanic—M. Wakefield, St. Raymond, Que.
Road Master—Michael Carpenter, St. Raymond, Que.
Supt. Bridges—J. Carpenter, St. Raymond, Que.
Purch. Agent—A. Vallerand, Quebec, P. Q.
Paymaster—John Lynch, Quebec, P. Q.
Fuel Agent—Jules Belanger, St. Raymond, Que.

658 Quebec Central Ry.

President—Edward Dent, London, Eng.
Secretary—Thos. Lindley, London, Eng.
Gen. Manager—Frank Grundy, Sherbrooke, Que.
Superintendent—A. Steele, Sherbrooke, Que.
Gen. Fgt. & Pass. Agt. & Auditor—I. H. Walsh, Sherbrooke, Que.
Purch. Agent & Acting Cashier—A. H. Anderson, Sherbrooke, Que.
Mast. Mechanic—James Severight, Sherbrooke, Que.
Bridge Inspector—John Farquhar, Sherbrooke, Que.
Road Master—F. X. Contine, St. Mary, Que.

659 Quebec, Montmorency and Charlevoix Ry.

President—H. J. Beemer, Quebec, Que.
Secretary—E. F. Wurtele, Quebec, Que.
Manager—G. S. Cressman, Quebec, Que.
Superintendent—W. R. Russell, Quebec, Que.

660 Queen and Crescent Route.

GENERAL OPERATING OFFICERS.

President—Charles Schiff, Cincinnati, O.
Vice-Pres. & Gen. Traf. Man.—C. C. Harvey, Cincinnati, O.
Gen. Manager—R. Carroll, Cincinnati, O.
Gen. Counsel—Edward Colston, Cincinnati, O.
Comptroller—Chas. H. Davis, Cincinnati, O.
Treasurer—H. H. Tatem, Cincinnati, O.
Paymaster—Chas. Patton, Cincinnati, O.
Chief Engineer—G. B. Nicholson, Cincinnati, O.
Resident Engineer—W. C. Jewett, Chattanooga, Tenn.
Resident Engineer—J. C. Haugh, Meridian, Miss.
Resident Engineer—L. A. Stubbs, Monroe, La.
Supt. Mot. Pow. & Mach.—Jas. Meehan, Ludlow, Ky.
Insp. Bridges & Buildings.—M. Walsh, Cincinnati, O.
Purch. Agent—R. W. Healy, Cincinnati, O.
Gen. Pass. Agt.—D. G. Edwards, Cincinnati, O.
Asst. Gen. Pass. Agt.—I. Hardy, Vicksburg, Miss.
Div. Pass. Agts.—D. J. Mullaney, Chattanooga, Tenn.; R. H. Garrett, New Orleans, La.
Gen. Fgt. Agt.—R. X. Ryan, Cincinnati, O.
Asst. Gen. Fgt. Agts.—G. P. Biles, Cincinnati, O.; I. Hardy, Vicksburg, Miss.
Div. Fgt. Agts.—T. F. Steele, Birmingham, Ala.; A. F. Barnett, New Orleans, La.
Gen. Baggage Agent—F. A. Zimmerman, Cincinnati, O.
Car Accountant—S. O. Parker, Cincinnati, O.

CORPORATE AND DIVISION OFFICERS.

Alabama Great Southern RR.

Secretary—R. V. Tomlinson, London, Eng.
Superintendent—A. Griggs, Birmingham, Ala.
Train Master—L. F. Hennington, Birmingham, Ala.
Div. Mast. Mech.—J. G. Tomlinson, Birmingham, Ala.
Road Master—P. Nolan, Birmingham, Ala.
Foreman Bridges & Buildings—W. Ransom, Birmingham, Ala.

Cincinnati, New Orleans & Texas Pacific Ry.

Secretary—H. H. Tatem, Cincinnati, O.
Superintendent—H. F. Clark, Somerset, Ky.
Train Master, North. Div.—P. Callahan, Cincinnati, O.
Tr'n Mast., South. Div.—D. E. Meade, Chattan'ga, Tenn.

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660 Queen and Crescent Route—*Continued.*

Div. Master Mechanic, North. Div. } T. Walsh, Somerset, Ky.
Div. Master Mechanic, South. Div. } P. Schrieber, Chattan'ga, Tenn.
Road Master, North. Div.—M. Shea, Somerset, Ky.
Road Master, South. Div.—R. D. Mullane, Somerset, Ky.
Master Car Builder—John Richardson, Ludlow, Ky.
General Foreman—J. J. Sullivan, Ludlow, Ky.
Supt. Bridges & Bldgs.—J. T. Carpenter, Somerset, Ky.

New Orleans & Northeastern RR.

Sec. & Resident Agt.—John Glynn, Jr., N. Orleans, La.
Superintendent—A. Clark, New Orleans, La.
Div. Master Mechanic—J. C. McCarthy, Meridian, Miss.
Road Master—M. Rowan, New Orleans, La.
Foreman Bridges & Buildings } T. Kelleher, New Orleans, La.

Alabama and Vicksburg Railway.

Secretary—H. H. Tatem, Cincinnati, O.
Superintendent—W. W. Bond, Vicksburg, Miss.
Train Master—F. D. Munson, Vicksburg, Miss.
Road Master—H. Curry, Vicksburg, Miss.
General Foreman Bridges & Buildings } Zac. Day, Vicksburg, Miss.
Div. Mast. Mechanic—J. C. McCarthy, Meridian, Miss.
Land Commr.—F. Y. Anderson, Birmingham, Ala.

Vicksburg, Shreveport and Pacific RR.

Secretary—D. Graff, New York, N. Y.
Superintendent—W. W. Bond, Vicksburg, Miss.
Train Master—F. D. Munson, Vicksburg, Miss.
Road Master—H. Curry, Vicksburg, Miss.
Div. Master Mechanic—J. P. McCuen, Monroe, La.
Mast. Car Bldr.—Charles Blank, Monroe, La.
Land Commr.—F. Y. Anderson, Birmingham, Ala.

661 Quincy, Omaha, and Kansas City Ry.

President—Chas. H. Bull, Quincy, Ill.
Vice-Pres. & G. M.—Amos Green, Quincy, Ill.
Treasurer—E. J. Parker, Quincy, Ill.
Secretary—C. H. Spencer, Quincy, Ill.
Gen. Solicitor—W. McPadon, Quincy, Ill.
Auditor—John M. Savin, Quincy, Ill.
Road Master—H. A. Cook, Castle, Mo.
Supt. Transportation—C. E. Soule, Quincy, Ill.
Supt. Telegraph—A. B. Cowen, Quincy, Ill.
Traffic Manager—J. H. Best, Quincy, Ill.

662 Raritan River RR.

(*Projected Line:* South Amboy to Bound Brook, N. J., 20 miles; track laid, South Amboy to New Brunswick, 13 miles; under construction to Bound Brook, 7 miles.)

Pres.—Edw. R. Ripley, Fuller Bldg., Jersey City, N. J.
Vice-Pres. & Gen. Man. & Gen. Supt. } Carroll T. Hobart, Red Bank, N. J.
Sec. & Aud.—Frank H. Earle, Jersey City, N. J.
Treasurer—Wm. G. Bumsted, Jersey City, N. J.
Gen. Fgt. & Tkt. Agt. } M. P. Hendrickson, South Amboy, N. J.
Chf. Eng.—E. W. Harrison, Fuller Bldg., Jersey C., N. J.

663 Reading and Columbia RR.

President—Austin Corbin, Philadelphia, Pa.
Treasurer—John Welch, Philadelphia, Pa.
Secretary—Howard Hancock, Philadelphia, Pa.
General Manager—A. A. McLeod, Philadelphia, Pa.
General Supt.—I. A. Swelgard, Philadelphia, Pa.
Chief Engineer—H. K. Nichols, Philadelphia, Pa.
Superintendent—A. M. Wilson, Columbia, Pa.
Gen. Pass. Agt.—C. G. Hancock, Philadelphia, Pa.
Gen. Fgt. Agt.—B. H. Bael, Philadelphia, Pa.
Purchasing Agent—H. C. Norton, Philadelphia, Pa.
Transfer Agent—John Welch, Philadelphia, Pa.

664 Red River, Sabine and Western RR.

President—L. W. Lloyd, Marshall, Tex.
Vice-President—W. F. Lake, Fort Worth, Tex.
Secretary—C. C. Allen, Fort Worth, Tex.
Treasurer—I. H. Hollis, San Augustine, Tex.
Chief Engineer—I. C. Terry, Fort Worth, Tex.

665 Reynoldsville and Falls Creek RR.

Pres. & Gen. Man.—S. B. Elliott, Reynoldsville, Pa.
Vice-President—F. A. Bell, Buffalo, N. Y.
Secretary—Andrew Cant, Buffalo, N. Y.
Treasurer—Geo. H. Lewis, Buffalo, N. Y.
Gen. Superintendent—Geo. Mellinger, Reynoldsville, Pa.
Aud & Gen. Fgt. Agt.—Chas. Clifton, Buffalo, N. Y.
Gen. Fgt. & Pass. Agt.—A. G. Yates, Rochester, N. Y.
Road Master & Supt. Bridges } —Richard Smith, Reynoldsville, Pa.

666 Richmond and Danville RR.

President—John H. Inman, New York, N. Y.
1st Vice-Pres.—W. G. Oakman, New York, N. Y.
2d Vice-Pres.—A. B. Andrews, Raleigh, N. C.
Secretary & Asst. Treas.—R. Brooke, Richmond, Va.
Treasurer—J. W. Hall, Washington, D. C.
Assistant Secretary—A. J. Raun, New York, N. Y.
Gen. Manager—Peyton Randolph, Washington, D. C.
Gen. Supt. & Asst. Gen. Man. } W. H. Green, Washington, D. C.
Traffic Man.—Sol Haas, Richmond, Va.
Gen. Fgt. Agt.—J. H. Drake, Richmond, Va.
Gen. Pass. Agt.—James L. Taylor, Washington, D. C.
Gen. Solicitor—J. T. Worthington, Washington, D. C.
Gen. Counsel } Hoadley, Lauterbach & Johnson, New York, N. Y.
Gen. Southern Counsel } Calhoun, King & Spaulding, Atlanta, Ga.
Auditor—Chas. M. Cramp, Washington, D. C.
Chief Engineer—C. M. Bolton, Washington, D. C.
Pur. Agt.—J. P. Minetree, Washington, D. C.
Gen. Bag. Agt.—James H. Hill, Richmond, Va.
Supt. Mot. Power—R. D. Wade, Washington, D. C.
Supt. Telegraph—C. A. Darlton, Washington, D. C.
Mast. Car Bldr.—J. B. Vaughan, Richmond, Va.
Mast. Car Paint.—W. T. Ledford, Richmond, Va.

Division Freight and Passenger Agents.—C. M. Borum, Lynchburg, Va.; J. S. Potts, Richmond, Va.; W. A. Turk, Raleigh, N. C.; L. L. McCleskey, Atlanta, Ga.; D. Cardwell, Columbia, S. C.; W. A. Winburn, Asheville, N. C.

Division Master Mechanics—A. W. Gibbs, Alexandria, Va.; S. D. Harris, Salisbury, N. C.; J. H. Green, Columbia, S. C.; W. A. Walden, Atlanta, Ga.

Division Superintendents—J. S. B. Thompson, Alexandria, Va.; W. B. Ryder, Richmond, Va.; R. R. Bridgers, Durham, N. C.; V. E. McBee, Asheville, N. C.; G. R. Talcott, Columbia, S. C.; E. Berkeley, Atlanta, Ga.

667 Richmond, Fredericksburg and Potomac RR.

President—E. T. D. Myers, Richmond, Va.
Sec. & Treas.—J. B. Winston, Richmond, Va.
Gen. Supt.—E. T. D. Myers, Richmond, Va.
Supt. & Purch. Agt.—T. L. Courtney, Richmond, Va.
Traffic Manager—C. A. Taylor, Richmond, Va.
Master Mech.—J. T. Bryant, Richmond, Va.
Auditor—Luther P. Ellis, Richmond, Va.
Supt. of Mot. Power—J. T. Bryant, Richmond, Va.
Mast. Car Bldr.—W. H. Trainham, Richmond, Va.
Mast. Car Painter—M. P. Whitehurst, Richmond, Va.
Mast. Road Carp.—S. B. Rice, Ashland, Va.
Car Accountant—W. T. Tyrer, Richmond, Va.

668 Rio Grande RR.

Trustees—F. San Roman, Simon Celaya, Brownsv'le, Tex.
President—A. Werbiski, Brownsville, Tex.
Treasurer—Feliciano San Roman, Brownsville, Tex.
Secretary—Jose Celaya, Brownsville, Tex.
General Manager—Simon Celaya, Brownsville, Tex.
Auditor—Geo. Tripland, Brownsville, Tex.
Gen. Ticket Agent—H. Sherwood, Brownsville, Tex.
Gen. Freight Agent—John Egan, Pt. Isabel, Tex.
Chf. Eng. & Mast. Mach. & Car Rep. } Wm. Nalsmith, Brownsville, Tex.
Road Master—Chas. Haggstron, Brownsville, Tex.

669 Rio Grande and Eagle Pass Ry.

President—A. B. Wright, Jr., Philadelphia, Pa.
Vice-Pres. & Treas.—W. M. Sharp, Laredo, Tex.
General Manager—W. L. Giddens, Laredo, Tex.
Secretary—E. A. Atlee, Laredo, Tex.
Counsel—A. L. McLane, Laredo, Tex.
Gen. Fgt. & Coal Agent—A. W. Earnest, Laredo, Tex.

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670 Rio Grande Western RR.

President—W. J. Palmer, New York, N. Y.
1st Vice-Pres.—Geo. Foster Peabody, New York, N. Y.
2d Vice-Pres. & Gen. Man.—D. C. Dodge, Denver, Col.
Sec. & Treas.—Chas. W. Drake, New York, N. Y.
Gen. Supt.—Wm. H. Bancroft, Salt Lake City, Utah.
Auditor—Theron Geddes, Salt Lake City, Utah.
Cashier—W. F. Colton, Salt Lake City, Utah.
Chief Engineer—Geo. Goss, Salt Lake City, Utah.
Gen. Pass. Agt.—W. H. Snedaker, San Francisco, Cal.
Gen. Fgt. Agt.—C. H. Clark, San Francisco, Cal.
Mast. Mech. & Car Rep. } S. C. Smith, Salt Lake City, Utah.
Purch. Agent—W. P. McElroy, Salt Lake City, Utah.
Transfer Agent—Chas. W. Drake, New York, N. Y.

671 Ripley and Mill Creek Valley RR.

President—J. H. Riley, Marietta, O.
Vice-President—H. C. Flesher, Jackson C. H., W. Va.
Secretary—J. S. McCown, Jackson C. H., W. Va.
Gen. Man. & Treas. } Geo. W. Thompson, Parkersburg, W. Va.

672 Roanoke and Southern RR.

(*Projected Line:* Martinsville, Va., *via* Winston-Salem, N. C., to Monroe, N. C., 170 miles; completed, Winston to Walnut Cove, N. C., 18 miles; under construction, Walnut Cove, N. C., to Martinsville, Va., 42 miles.)

President—H. S. Trant, Roanoke, Va.
Vice-Presidents } J. H. Spencer, Martinsville, Va.
} John Fries, Salem, N. C.
Sec. & Treas.—W. L. Lemly, Winston, N. C.
Chief Engineer—Andrew Onderdonk, Winston, N. C.

673 Rochester and Glen Haven RR.

President—F. S. Minges, Rochester, N. Y.
Vice-President—S. A. McKenney, Rochester, N. Y.
Secretary & Attorney—E. W. Maurer, Rochester, N. Y.
Treasurer—Jas. Palmer, Jr., Rochester, N. Y.
Chief Engineer—W. C. Gray, Rochester, N. Y.

674 Rochester and Lake Ontario RR.

Pres., Treas. & Gen. Man. & Pur. Agt. } N. H. Galusha, Rochester, N. Y.
Vice-President—Geo. B. Smith, Rochester, N. Y.
Secretary—R. L. Post, Rochester, N. Y.
Master Mechanic—Geo. Gardner, Rochester, N. Y.
Auditor—M. Filon, Rochester, N. Y.
Road Master—Chris Kreger, Rochester, N. Y.

675 Rochester, Hornellsville and Lackawanna RR.

Trustee—Chas. Adsit, Hornellsville, N. Y.
Secretary—I. W. Near, Hornellsville, N. Y.
Gen. Superintend't—W. H. Badger, Hornellsville, N. Y.
Auditor—M. S. Blair, Hornellsville, N. Y.

676 Rockaway Valley RR.

(*Projected Line:* White House to Montclair, N. J., 35 miles; track laid, White House to New Germantown, 4.5 miles.)

President—J. N. Pidcock, White House, N. J.
Vice-President—W. W. Sutton, New Germantown, N. J.
Sec. & Treas.—J. H. Sayre, New Germantown, N. J.
Chief Engineer—J. E. V. Melick, White House, N. J.

677 Rock Island and Peoria Ry.

President—R. R. Cable, Chicago, Ill.
Vice-President—A. Kimball, Davenport, Ia.
Sec., Treas., Supt. & Purch. Agent } H. B. Sudlow, Rock Island, Ill.
Gen. Fgt. & Tkt. Agt.—R. Stockhouse, Rock Island, Ill.
Auditor—R. H. Hudson, Rock Island, Ill.
Master Mechanic—Joseph Elder, Peoria, Ill.
Supt. Teleg.—H. P. Greenough, Rock Island, Ill.
Road Master—J. E. Breckenridge, Galva, Ill.

678 Rockport RR.

President & Gen. Man.—P. J. Carleton, Rockport, Me.
Gen. Supt., Treas. & Purch. Agent } H. L. Shepherd, Rockport, Me.
Secretary—L. H. Lovejoy, Rockport, Me.
Chief Engineer—M. M. Rollins, Rockport, Me.

679 Rome and Decatur RR.

Purchased by the East Tennessee, Virginia and Georgia Ry. Co., and transfer made to that company May 10, 1890.

680 Rome Railroad (Ga.).

President—J. D. Williamson, Rome, Ga.
Secretary—W. W. Brooks, Rome, Ga.
Treasurer—J. H. Rhodes, Rome, Ga.
Auditor—W. B. Stark, Rome, Ga.
Chief Engineer—F. H. Harris, Rome, Ga.
Gen. Manager—J. R. Taylor, Rome, Ga.
Gen. Fgt. & Pass. Agt.—C. W. Chears, Rome, Ga.
Mast. Mech.—B. J. Sitton, Rome, Ga.
Purch. Agent—Eben Hillyer, Rome, Ga.
Asst. Gen. Fgt. & Pass. Agt.—A. McCollister, Rome, Ga.
Road Mast. & M. M.—O. W. Harbin, Rome, Ga.
Car Accountant—E. C. Spaulding, Atlanta, Ga.

681 Rome, Watertown and Ogdensburg RR.

President—Charles Parsons, New York, N. Y.
Vice-Pres.—Charles Parsons, Jr., New York, N. Y.
Sec. & Treas.—J. A. Lawyer, New York, N. Y.
Asst. Sec.—R. E. Smiley, Watertown, N. Y.
Gen. Man.—C. S. Bowen, Oswego, N. Y.
Gen. T. Man.—L. A. Emerson, New York, N. Y.
Gen. Fgt. Agent—F. W. Parsons, New York, N. Y.
Gen. Pass. Agt.—T. Butterfield, Oswego, N. Y.
Purchasing Agent—E. Parsons, Oswego, N. Y.
Auditor—M. B. Sloat, Oswego, N. Y.
Asst. Supt. M. & E. D.—W. S. Jones, Watertown, N. Y.
Asst. Supt. E. D.—H. W. Hammond, Carthage, N. Y.
Asst. Supt. W. D.—H. McEwen, Oswego, N. Y.
Supt. Mot. Power—G. H. Haselton, Oswego, N. Y.
Supt. Transp.—W. W. Currier, Oswego, N. Y.
Gen. Counsel—E. B. Wynn, Watertown, N. Y.
Paymr. & T. A.—H. T. Feary, Oswego, N. Y.
Gen. Bagg. Agt.—T. M. Petty, Oswego, N. Y.
Chief Engineer—F. R. Becker, Oswego, N. Y.
Road Master E. Div.—George Keith, Watertown, N. Y.
Road Master W. Div.—S. Littlefield, Oswego, N. Y.
Supt. Bridges—J. C. Webb, Oswego, N. Y.
Transfer Agent—Central Trust Co., New York, N. Y.

682 Ruby Hill RR.

President—B. Gilman, Eureka, Nev.
Secretary—D. J. Colton, Eureka, Nev.
Treasurer—Frank Miller, Eureka, Nev.

683 Rumford Falls and Buckfield RR.

President—William L. Putnam, Portland, Me.
Treas., Clerk & Gen. Tkt. Agt. } R. C. Bradford, Portland, Me.
Gen. Supt. & Purch. Agt.—L. L. Lincoln, Canton, Me.
Chief Engineer—Parker Spofford, Bucksport, Me.
Supt. Bridges—C. E. Joy, Oakland, Me.
Foreman Loc. Rep.—M. R. Davis, Canton, Me.

684 Rutland and Woodstock RR.

President—Rockwood Barrett, Rutland, Vt.
Vice-President—W. C. French, Woodstock, Vt.
Secretary—L. G. Kingsley, Rutland, Vt.

685 Saginaw, Tuscola and Huron RR.

President—W. L. Webber, E. Saginaw, Mich.
Vice-President—George W. Morley, E. Saginaw, Mich.
Sec. & Treas.—Eras T. Judd, E. Saginaw, Mich.
Gen. Supt.—M. Van Meredith, E. Saginaw, Mich.
Auditor—Jas. G. Harris, E. Saginaw, Mich.

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686 Saginaw Valley and St. Louis RR.

Pres. & Gen. Man.—J. B. Mulliken, Detroit, Mich.
Sec. & Treas.—J. E. Howard, Grand Rapids, Mich.
Gen. Supt.—J. K. V. Agnew, Grand Rapids, Mich.
Asst. Supt.—F. M. Drake, Iona, Mich.

687 St. Augustine and South Beach Ry.

President—M. S. Cartter, St. Louis, Mo.
Vice-Pres. & Treasurer—M. R. Bean, St. Augustine, Fla.
Secretary—J. A. Davison, St. Augustine, Fla.
Aud., Gen. Pass. & Freight Agent } O. G. Shands, St. Augustine, Fla.
Gen. Manager—Allen Wood, St. Augustine, Fla.
Chief Engineer—A. L. Knowlton, St. Augustine, Fla.

688 St. Catharines and Niagara Central Ry.

President—L. S. Olle, St. Catharines, Ont.
Sec. & Treas.—R. Wood, St. Catharines, Ont.
Supt.—John Vanderburgh, St. Catharines, Ont.
Gen. Fgt. & Pass. Agt.—D. D. McTavish, St. Cath's, Ont.

689 St. Clairsville and Northern Ry.

President—A. C. Darrah, St. Clairsville, O.
Vice-Pres. & Purch. Agt.—W. A. Hunt, St. Clairsville, O.
Sec. & Treas.—John Boroff, St. Clairsville, O.
Master Mechanic—Isaac Shallcross, St. Clairsville, O.
Road Master—Matthew Murray, St. Clairsville, O.

690 St. Cloud Sugar Belt Ry.

President—Jas. P. Scott, Philadelphia, Pa.
Vice-President—Chas. E. Etting, Philadelphia, Pa.
Gen. Supt., Chief Eng. & Gen. Tkt. Agt. } T. S. Tutwiler, Kissimmee, Fla.
Sec. & Treas.—E. J. Etting, Philadelphia, Pa.

691 St. Croix and Penobscot RR.

President—G. M. Porter, St. Stephen, N. B.
Sec., Treas. & Transf. Agt.—Samuel Black, Calais, Me.
Supt. & Purch. Agt.—S. W. Haycock, Calais, Me.
Gen. Tkt. Agt.—H. A. Black, Calais, Me.
Gen. Bag. & Fgt. Agt.—John Larner, Calais, Me.
Master Mech.—G. H. Corson, Milltown, Me.
Auditor—L. G. Downes, Calais, Me.
Mast. of Transp.—Alfred Huntley, Calais, Me.
Mast. Car Bldr. & Supt. Bridges } H. C. Tinker, Milltown, Me.
Foreman Car Rep.—G. A. Hanson, Milltown, Me.
Fuel Agent—Martin Ryan, Baring, Me.
Mast. Car Paint.—Chas. Marshall, Calais, Me.
Road Master—Wm. Lucas, Milltown, Me.

692 St. John and Eastern RR.

Chief Engineer—Wm. Murdock, St. John, N. B.

693 St. John's Railway.

Pres. & Supt.—R. McLaughlin, Jacksonville, Fla.
Treasurer—John Stockton, Jacksonville, Fla.
Secretary—John Westcott, St. Augustine, Fla.
Gen. S. & Purch. Agt.—W. J. Jarvis, St. Augustine, Fla.
Fgt. & Tkt. Agt.—F. M. Clark, Tocoi, Fla.
Mast. Mech.—J. M. Owens, St. Augustine, Fla.
Auditor—W. H. Chambers, St. Augustine, Fla.

St. Augustine and Palatka RR.

President—Rich. McLaughlin, Palatka, Fla.
Superintendent—W. J. Jarvis, Palatka, Fla.
Gen. Fgt. & Pass. A.—A. F. Sherwood, Palatka, Fla.

694 St. John's and Halifax RR.

Pres. & Gen. Man.—U. J. White, Palatka, Fla.
Vice-President—S. V. White, New York, N. Y.
Sec. & Treas.—Wm. H. Chandler, Palatka, Fla.
Gen. Fgt. & G. Supt.—E. S. Spencer, Palleston, Fla.
Gen. Pass. Agt.—W. H. Pingree, Palatka, Fla.

695 St. Johnsbury and Lake Champlain RR.

President—C. E. A. Bartlett, Boston, Mass.
Superintendent—H. E. Folsom, Lyndonville, Vt.
Asst. Supt.—E. H. Blossom, St. Johnsbury, Vt.
Chief Engineer—H. Bissell, Boston, Mass.
Division Eng.—Geo. L. R. French, St. Johnsbury, Vt.
Sec. and Treas.—F. W. Morse, Montpelier, Vt.
Auditor—Myron Taylor, Boston, Mass.
Gen. Pass. & Tkt. Agt.—Dana J. Flanders, Boston, Mass.
Gen. Bag. Agt.—W. R. Brackett, Boston, Mass.
Gen. Fgt. Agt.—W. F. Berry, Boston, Mass.
Purch. Agent—Geo. F. Hurd, Boston, Mass.
Supt. Motive Power—Wm. Smith, Boston, Mass.
Master Mechanic—J. F. Marsh, St. Johnsbury, Vt
Master Car Builder—D. C. Richardson, Lawrence, Mass.
Road Master—C. E. Severance, St. Johnsbury, Vt.

696 St. Joseph and Grand Island RR.

Chairman—Chas. F. Adams, Boston, Mass.
President—James H. Benedict, New York, N. Y.
Comptroller—O. W. Mink, Boston, Mass.
Secretary—Alex. Millar, Boston, Mass.
Treasurer—James G. Harris, Boston, Mass.
Gen. Man.—Edward McNeill, St. Joseph, Mo.
Gen. Pass. & Tkt. Agt.—F. L. Linds, St. Joseph, Mo.
Gen. Fgt. Agt.—W. P. Robinson, Jr., St. Joseph, Mo.
Auditor & Cashier—C. F. Smith, St. Joseph, Mo.
Chief Engineer—Wm. Lush, New York, N. Y.
Master Transp.—Wm. Williams, St. Joseph, Mo.
Supt. of Teleg.—A. M. Moray, St. Joseph, Mo.
Car Accountant—W. D. Lincoln, St. Joseph, Mo.
Gen. Tkt. Agt.—A. A. Grower, St. Joseph, Mo.
Mast. Mech.—E. H. Dewson, Jr., St. Joseph, Mo.
Supt. of Br. & Bu.—O. H. Andrews, St. Joseph, Mo.

697 St. Joseph, St. Louis and Santa Fé Ry.

President—A. Manvel, Chicago, Ill.
1st Vice-President—W. Judson, St. Joseph, Mo.
2d Vice-Pres.—A. A. Robinson, Topeka, Kan.
3d Vice-Pres.—J. F. Goddard, Chicago, Ill.
4th Vice-President—J. W. Reinhart, Boston, Mass.
Treasurer—D. L. Gallup, Chicago, Ill.
Secretary—E. Wilder, Topeka, Kan.
Asst. Secretary—C. S. Tuckerman, Boston, Mass.
Asst. Treasurer—Geo. L. Goodwin, Boston, Mass.
Chief Engineer—A. A. Robinson, Topeka, Kan.
Gen. Solicitor—Geo. R. Peck, Topeka, Kan.
Comptroller—J. P. Whitehead, Boston, Mass.
Gen. Auditor—J. W. Reinhart, Boston, Mass.
Acting Auditor—H. C. Clements, Topeka, Kan.

698 St. Joseph Valley Ry.

Gen. Manager—Fred. McOmber, Berrien Springs, Mich

699 St. Louis, Alton and Springfield RR.

President—Delos R. Haynes, St. Louis, Mo.
Vice-Pres.—C. F. Collins, St. Louis, Mo.
Gen. Solicitor—Joseph Dickson, St. Louis, Mo.
Gen. Man. & Purch. Agt.—H. A. Fisher, Springfield, Ill.
Secretary and Treasurer—L. C. Haynes, St. Louis, Mo.
Gen. Fgt. & Pass. A.—F. E. Fisher, Springfield, Ill.
Auditor—D. S. Mitchell, Springfield, Ill.
Road Master—Jas. McBride, Jerseyville, Ill.

700 St. Louis, Alton and Terre Haute RR.

Chairman of the Board } Geo. Foster Peabody, New York, N. Y.
Pres., T. & G. Man.—George W. Parker, St. Louis, Mo.
Secretary—E. F. Leonard, St. Louis, Mo.
Asst. Secretary—H. A. Crosby, New York, N. Y.
Superintendent—W. S. Wilson, Pinckneyville, Ill.
Gen. Fgt. & Pass. Agt.—Geo. E. Lary, St. Louis, Mo.
Auditor—Henry T. Nash, St. Louis, Mo.
Purch. Agt.—C. F. Parker, St. Louis, Mo.
Rep. of Transf.—Bank of North Am., New York, N. Y.
Mast. Mech. & Car Bldr.—P. H. Murphy, E. St. Louis, Ill.
Road Master—Henry Mason, Pinckneyville, Ill.
Car Accountant—S. K. Burton, Pinckneyville, Ill.

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701 St. Louis and Hannibal RR.

President—John L. Blair, Blairstown, N. J.
Sec. & Treas.—S. S. Palmer, New York, N. Y.
Gen. M., A. Tr. & Purch. Agt. } Geo. B. Classon, Hannibal, Mo.
Auditor—F. C. Cake, Jr., Hannibal, Mo.
Master Mech. & Car Bldr. } Richard J. Whalen, Oakwood Junction, Mo.
R. M. & S. B. & B.—Sherman Driggs, Frankfort, Mo.

702 St. Louis and Peoria RR.

President—Giles E. Taintor, New York, N. Y.
Secretary—A. J. Moorshead, Springfield, Ill.

703 St. Louis and San Francisco Ry.

President—A. Manvel, Chicago, Ill.
Vice-Pres.—J. W. Rheinhart, Boston, Mass.
2d V.-P. & G. M.—H. L. Morrill, St. Louis, Mo.
Sec. & Treas.—T. W. Lillie, New York, N. Y.
Gen. Counsel—J. J. McCook, New York, N. Y.
Gen. Attorney—E. D. Kenna, St. Louis, Mo.
Act. Gen. Supt.—F. E. Merrill, St. Louis, Mo.
Chief Eng.—James Dun, St. Louis, Mo.
Auditor—A. Douglass, St. Louis, Mo.
Cashier—A. Graydon, St. Louis, Mo.
Fgt. Traffic Man.—Geo. W. Cale, St. Louis, Mo.
Gen. Pass. Agt.—D. Wishart, St. Louis, Mo.
Gen. Fgt. Agt.—F. D. Russell, St. Louis, Mo.
Asst. Gen. Fgt. Agt.—J. A. Middleton, St. Louis, Mo.
Purch. Agt. & Asst. to the Gen. Man. } E. T. Smith, St. Louis, Mo.
Supt. Rolling Stock—J. R. Groves, Springfield, Mo.
Supt. Teleg.—L. Headley, Springfield, Mo.
Gen. Bag. Agt.—W. D. Garwood, Springfield, Mo.
Act. Div. Supt.—H. Lessel, Monett, Mo.
Act. Div. Supt.—E. L. Fay, St. Louis, Mo.
Div. Supt.—J. R. Wentworth, Wichita, Kan.
Div. Supt.—E. B. Sankey, Salem, Mo.
Div. Supt.—W. A. Thomis, Ft. Smith, Ark.

704 St. Louis, Arkansas and Texas Ry.

Receivers } S. W. Fordyce, St. Louis, Mo. / A. H. Swanson, Tyler, Tex.
Vice-President—R. C. Kerens, St. Louis, Mo.
Secretary—Edwin Gould, 195 Broadway, New York.
Treasurer—George K. Warner, St. Louis, Mo.
Gen. Manager—W. B. Doddridge, St. Louis, Mo.
Auditor—S. C. Johnson, St. Louis, Mo.
Traffic Manager—D. Miller, St. Louis, Mo.
Gen. Fgt. Agt—L. F. Day, St. Louis, Mo.
Gen. Pass. Agt.—E. W. La Beaume, St. Louis, Mo.
Supt. & Chief Eng.—H. G. Fleming, Texarkana, Tex.
Div. Supt. J. W. Fox, Jonesboro, Ark.
Div. Supt.—W. T. Smetten, Pine Bluff, Ark.
Div. Supt.—J. A. Edson, Tyler, Tex.
Car Accountant—J. T. Burlingame, Texarkana, Tex.
Gen. Master Mechanic—E. S. Marshall, Pine Bluff, Ark.
Gen. Solicitor—Jefferson Chandler, St. Louis, Mo.
Purch. Agent—F. W. Schaurte, St. Louis, Mo.
Supt. Telegraph—H. D. Milton, Texarkana, Tex.
Supt. Brdgs.& Bldgs.—W. Wessenburg, Texarkana, T.

705 St. Louis Cable and Western Ry.

President—Dwight Tredway, Indianapolis, Ind.
Vice-Pres. & Gen. Man.—F. M. Colburn, St. Louis, Mo.
Sec. & Treasurer—M. Tredway, Indianapolis, Ind.
Auditor—A. T. W. Pritchett, St. Louis, Mo.
Gen. Pass. Agt.—Frank De Lisle, St. Louis, Mo.
Purchasing Agent—R. Lehmann, St. Louis, Mo.
Master Mechanic—Jno. Kehrman, St. Louis, Mo.
Road Master—E. Condell, St. Louis, Mo.
Road Master—T. C. Austrea, St. Louis, Mo.

706 St. Louis, Kansas City & Colorado RR.

President—Allen Manvel, Chicago, Ill.
Vice-Pres. & Gen. Aud.—J. W. Reinhart, Boston, Mass.
Sec., Treas. & Aud. —John Gallup, Jr., St. Louis, Mo.
Asst. Sec.& Ast. Treas.—Geo. L. Goodwin, Boston, Mass.
Chief Eng. & Supt.—S. T. Emerson, St. Louis, Mo.
Comptroller—John P. Whitehead, Boston, Mass.
Gen. Counsel—John J. McCook, New York, N. Y.
Gen. Solicitor—S. R. Polk, Topeka, Kan.
Transf. Agts.—Boston Safe Deposit Co., Boston, Mass.

707 St. Louis, Keokuk and Northwestern RR.

President—W. W. Baldwin, Burlington, Ia.
Vice-President—J. C. Peasley, Chicago, Ill.
2d Vice-President—Geo. B. Harris, Chicago, Ill.
Gen. Superintendent—C. M. Levey, Keokuk, Ia.
Gen. Attorney—H. H. Trimble, Keokuk, Ia.
Gen. Auditor—J. L. Lathrop, Chicago, Ill.
Auditor & Asst. Treas.—J. H. Sturgis, Keokuk, Ia.
Gen. Fgt. & Pass. Agt.—Howard Elliott, St. Louis, Mo.
Asst. Gen. Fgt. Agt.—D. O. Ives, St. Louis, Mo.
Asst. Gen. Pass. Agt.—J. H. Palmer, St. Louis, Mo.
Gen. Pur. Agt.—Wm. Irving, Chicago, Ill.
Superintendent—W. E. Cunningham, Hannibal, Mo.
Car Accountant—H. W. Pratt, Keokuk, Ia.
Mast. Mechanic—W. H. Bartlett, Keokuk, Ia.
Chief Engineer—Ed. M. Gilchrist, Keokuk, Ia.

708 St. Louis Merchants' Bridge Terminal Ry.

President—C. C. Rainwater, St. Louis, Mo.
Gen. Manager—H. W. Gays, St. Louis, Mo.
Road Master—G. E. Cain, St. Louis, Mo.

709 St. Louis, Sturgis and Battle Creek RR.

Receiver—Wm. H. Ackerman, Battle Creek, Mich.
Gen. Supt.—W. I. Fox, Battle Creek, Mich.
Road Master—C. T. Buchanan, Battle Creek, Mich.
Auditor—Bruce Ellis, Battle Creek, Mich.

710 St. Louis Transfer RR.

President—John Scullin, St. Louis, Mo.
Vice-Pres.—C. S. Greely, St. Louis, Mo.
Sec. & Treas.—H. L. Clarke, St. Louis, Mo.
Manager—C. H. Sharman, St. Louis, Mo.
Chief Engineer—I. A. Smith, St. Louis, Mo.
Transfer Agt.—Henry L. Clarke, St. Louis, Mo.

711 St. Paul and Duluth RR.

President—R. S. Hayes, New York, N. Y.
Vice-Pres. & Gen. Sol.—W. H. Bliss, St. Paul, Minn.
Advisory Counsel—James Smith, Jr., St. Paul, Minn.
Sec. & Treas.—G. G. Haven, Jr., New York, N. Y.
Asst. Sec. & Local Treas. } W. H. Coleman, St. Paul, Minn.
Gen. Manager—A. B. Plough, St. Paul, Minn.
Counsel—Julien T. Davies, New York, N. Y.
Superintendent—G. F. Copeland, St. Paul, Minn.
Gen. T. & F. A.—Geo. F. Bull, St. Paul, Minn.
Asst. G. Fgt. A.—W. W. Broughton, Minneapolis, Minn.
Asst. Gen. Tkt. Agt.—G. C. Gilfillan, St. Paul, Minn.
Transfer Agt.—Fourth National Bank, St. Paul, Minn.
Mast. Mech.—C. F. Ward, St. Paul, Minn.
Asst. Purch. Agt.—W. N. Schoff, St. Paul, Minn.
Land Commr.—Hopewell Clarke, St. Paul, Minn.
Auditor—David A. McKinlay, St. Paul, Minn.
S. T. & Chf. T. D.—Geo. H. Smith, Jr., St. Paul, Minn.
Supt. B. & B.—Benjamin T. McIver, St. Paul, Minn.
Car Accountant—G. H. Staehle, St. Paul, Minn.
Fuel Agent—E. D. McDonald, St. Paul, Minn.
Road Masters } M. D. Kelly, St. Paul, Minn. / F. McNaughton, Duluth, Minn.

712 St. Paul Union Depot Co.

President—S. R. Ainslie, Milwaukee, Wis.
Sec., Supt.& Purch. Agt.—C. B. Brunson, St. Paul, Minn.
Treasurer—H. P. Upham, St. Paul, Minn.
Track Master—C. Moffatt, St. Paul, Minn.
Bag. Master—H. R. Hill, St. Paul, Minn.

713 Salem and Eastern RR.

President—John W. Harrison, St. Louis, Mo.
Vice-President—F. Shickle, St. Louis, Mo.
Sec. & Gen. Tkt. Agt.—E. C. Lackland, St. Louis, Mo.
Superintendent—Thos. J. Scott, Salem, Mo.

714 Salem, Tillamook and Astoria RR.

(*Projected Line:* Salem to Astoria, Ore., 120 miles; under construction.)
Incorporator—John G. Wright, Salem, Ore.

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715 Salisbury and Harvey Ry.

Gen. Man. & Pur. Agt.—Chas. R. Scoles, Hillsboro, N.B.
Mast. Mech.—James McKay, Hillsborough, N. B.
Road Master.—Hans Larsen, Hillsborough, N. B.

716 Salt Lake and Fort Douglas Ry.
Salt Lake and Eastern Ry.

President—John W. Young, Salt Lake City, Utah,
Vice-Pres.—Le Grand Young, Salt Lake City, Utah.
Traffic Man.—Jos. H. Young, Salt Lake City, Utah.
Sec. S. L. & F. D. Ry.—Dan. Harrington, S. L. City, Utah.
Sec. S. L. & E. Ry.—Junius F. Wells, Salt Lake Cy., Utah.

717 Salt Lake Valley and Eastern Ry.

President—Millard R. Jones, New York, N. Y.
Vice-Pres. & Gen. Man. } David MacKenzie, Sioux City, Ia.
Secretary—James D. Negus, Ogden, Utah.
Treasurer—Wm. O. Helfrich, Ogden, Utah.
Chief Engineer—L. H. Clarke, Sioux City, Ia.

718 San Antonio and Aransas Pass RR.

President—Uriah Lott, San Antonio, Tex.
Vice-President—E. P. Swenson, New York, N. Y.
Treasurer—A. C. Schryver, San Antonio, Tex.
Asst. Treas.—C. S. Wheeling, San Antonio, Tex.
Secretary—R. Houston, San Antonio, Tex.
Gen. Manager—B. F. Yoakum, San Antonio, Tex.
Gen. Supt.—C. A. Merriam, San Antonio, Tex.
Auditor—A. G. Cooper, San Antonio, Tex.
Gen. Fgt. Agt.—L. J. Polk, San Antonio, Tex.
Asst. Gen. Pass. Agt.—R. W. Andrews, San Antonio, Tex.
Supt. Transp.—F. A. Lister, San Antonio, Tex.
Supt. Mot. Power—W. H. Reilly, San Antonio, Tex.
Master Car Builder—E. S. Foote, San Antonio, Tex.
Road Master—Wm. McLeod, Yoakum, Tex.

719 Sandersville and Tennille RR.

President—C. R. Pringle, Sandersville, Ga.
Vice-President—R. L. Warthen, Sandersville, Ga.
Treasurer—G. D. Warthen, Sandersville, Ga.
Sec., Trans. Agt. & Aud.—H. N. Hollifield, Sandersv., Ga.
Gen. Fgt. Agt.—J. B. Wicker, Sandersville, Ga.
Gen. Supt.—J. Irwin, Sandersville, Ga.

720 San Diego, Cuyamaca and Eastern Ry.

Gen. Man. & Treas.—T. J. Daley, San Diego, Cal.
Supt. & Gen. Fgt. Agt.—A. E. Kinney, San Diego, Cal.

721 Sandusky, Ashland and Coshocton Ry.

President—G. Clinton Gardner, Sandusky, O.
Vice-President—James Woolworth, Sandusky, O.
Treas. & Asst. Sec.—J. O. Crane, New York, N. Y.

722 Sandy River Railroad.

Pr. Sp. G. Fgt. A.—N. B. Beal, Phillips, Me.
Trs. & G. Tkt. A.—J. E. Thompson, Phillips, Me.
Secretary—D. M. Bonney, Farmington, Me.
Rd. Ms. Sp. Brg.—C. P. Stewart, Phillips, Me.
M. M. & Cr. Rp.—M. Saunders, Phillips, Me.

723 San Francisco and North Pacific Ry.

President—J. F. Burgin, San Francisco, Cal.
Vice-Pres.—P. N. Lilienthal, San Francisco, Cal.
Sec. & Auditor—Thomas Mellersh, San Francisco, Cal.
Treasurer—Alfred L. Sellgman, San Francisco, Cal.
Gen. Man.—Henry C. Whiting, San Francisco, Cal.
Superintendent—W. G. Corbaley, San Rafael, Cal.
Gn. Pa. & Tk. A.—Peter J. McGlynn, San Fran., Cal.
Gen. Fgt. Agt.—Charles Thorne, Jr., San Fran., Cal.
Chief Engineer—F. K. Zook, San Francisco, Cal.
Master Mech.—Edward Reynolds, Tiburon, Cal.
Road Master—Patrick Hyde, Santa Rosa, Cal.
Supt. Bridges & Bldgs.—N. Dennis, Santa Rosa, Cal.

724 San Francisco and San Joaquin Valley Ry.

President—I. R. Wilbur, San Francisco, Cal.
Vice-Pres. & Treas.—Timothy Paige, San Fran., Cal.
Secretary—Louis F. Monteagle, San Francisco, Cal.

725 San Pete Valley RR.

President—Henry W. Tyler, London, Eng.
Vice-President—Thomas Marshall, Salt Lake, U. T.
Secretary—F. K. Morris, Salt Lake, U. T.
Gen. Manager—S. Bamberger, Salt Lake, U. T.
Supt. & Chf. Eng.—H. S. Kerr, Wales, U. T.
Master Mech.—B. Bates, Wales, U. T.
Road Master—O. F. Sorenson, Wales, U. T.
Purch. Agent—J. E. Bamberger, Salt Lake, U. T.

726 Santa Fé Southern Ry.

President & Gen. Man.—L. M. Meily, Santa Fé, N. M.
Secretary & Gen. Supt.—Chas. Johnson, Santa Fé, N. M
Asst. Sec. & Treas.—S. F. Sullivan, New York, N. Y.
Gen. Counsel—Thos. S. Smith, Santa Fé, N. M.

727 Saratoga and Almaden RR.

President—D. M. Pyle, San José, Cal.
Sec. & Treas.—J. C. Winans, San José, Cal.
Chief Engineer—Henry E. Brainard, San José, Cal.

728 Sault Ste. Marie and Southwestern Ry.

Pres. & Gen. Man.—N. C. Foster, Fairchild, Wis.
Vice-President—J. L. Linderman, Osseo, Wis.
Sec. & Auditor—C. M. Wilson, Fairchild, Wis.
Treasurer—G. A. Foster, Fairchild, Wis.
Gen. Supt.—E. J. Foster, Fairchild, Wis.
Chief Engineer—James McIntire, Eau Claire, Wis.

729 Savannah, Americus and Montgomery Ry.

President—S. H. Hawkins, Americus, Ga.
Asst. to Pres.—W. E. Hawkins, Americus, Ga.
Vice-President—S. W. Coney, Coney, Ga.
Sec., Treas. & Gen. Acct.—S. C. Cooper, Americus, Ga.
Gen. Supt.—W. N. Marshall, Americus, Ga.
Chief Engineer—R. E. Hardaway, Americus, Ga.
G. F. & P. A.—E. S. Goodman, Americus, Ga.
Mast. Mech. & Car Bldr.—R. F. Poole, Americus, Ga.
Road Master—J. A. Riviere, Americus, Ga.

730 Savannah and Atlantic Ry.

President & Manager—D. G. Purse, Savannah, Ga.
Sec. & Treas.—Ingersoll Washburne, Savannah, Ga.
Gen. Agent—H. H. Woodruff, Savannah, Ga.

731 Savannah, Florida and Western Ry.

President—Henry B. Plant, New York, N. Y.
Vice-President—W. S. Chisholm, New York, N. Y.
Secretary—R. B. Smith, New York, N. Y.
Treasurer—J. M. Lee, Savannah, Ga.
Gen. Manager—H. S. Haines, Savannah, Ga.
Superintendent—R. G. Fleming, Savannah, Ga.
Gen. Fgt. Agt.—Wm. P. Hardee, Savannah, Ga.
Gen. Pass. Agt.—W. M. Davidson, Jacksonville, Fla.
Chief Engineer—W. B. W. Howe, Jr., Savannah, Ga.
Comptroller—W. B. McKee, Savannah, Ga.
Aud. Expenses—C. T. Morel, Savannah, Ga.
Aud. Earnings—H. H. McKee, Savannah, Ga.
Purch. Agent—C. O. Haines, Savannah, Ga.
Traffic Man.—C. D. Owens, Savannah, Ga.
Master Transp.—O. W. Jackson, Savannah, Ga.
Master of Mach.—George M. D. Riley, Savannah, Ga.
Master of Roadway—H. W. Reed, Waycross, Ga.
Foreman Car Dept.—E. Geffcken, Savannah, Ga.

732 Schoharie Valley RR.

President—David B. Vroman, Schoharie, N. Y.
Vice-President—Lucian Vroman, Schoharie, N. Y.
Secretary—William J. Vroman, Schoharie, N. Y.
Treasurer—Chas. Vroman, Schoharie, N. Y.
Gen. Manager—Corn. P. Vroman, Schoharie, N. Y.
Gen. Tkt. Agt.—M. J. Vroman, Schoharie, N. Y.

733 Schuylkill and Lehigh Valley RR.

President—Eaton N. Frisbie, 1 B'way, New York, N.Y.
Vice-Pres.—Calvin Pardee, Philadelphia, Pa.
Sec. & Treas.—D. G. Baird, Philadelphia, Pa.
Chief Engineer—Chas. E. Webster, Pottsville, Pa.
Consulting Engineer—R. A. Wilder, Cressona, Pa.

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734 Scioto Valley & New England Ry.

President—John Byrne, New York, N. Y.
Vice-President—C. Weldenfeld, New York, N. Y.
Secretary—W. H. Whitney, New York, N. Y.
Treasurer—L. C. Newsom, Columbus, O.
Asst. Secretary—C. O. Hunter, Columbus, O.
Gen. Supt.—Joseph Robinson, Columbus, O.
Gen. Fgt. & Tkt. Agt.—J. J. Archer, Columbus, O.
Auditor—C. M. Zink, Columbus, O.
Supt. Trains—J. W. Campbell, Columbus, O.
Supt. Teleg.—A. J. Johnson, Columbus, O.
Car Accountant—W. K. Field, Columbus, O.
Chief Engineer—Julien Griggs, Columbus, O.
Master Mech.—John Cullinan, Portsmouth, O.

735 Seaboard Air Line.

(*a*) *Seaboard and Roanoke RR.*

President—John M. Robinson, Baltimore, Md.
Vice-President—R. C. Hoffman, Baltimore, Md.
Treas. & Sec.—W. W. Chamberlaine, Portsmouth, Va.
Gen. Manager—John C. Winder, Raleigh, N. C.
Gen. Superintendent—L. T. Myers, Portsmouth, Va.
Superintendent—John H. Winder, Portsmouth, Va.
Supt. Bridges & Road—S. T. Hand, Portsmouth, Va.
Gen. Fgt. & Pass. Agt.—F. W. Clarke, Portsmouth, Va.
Gen. Tkt. Agt—James W. Brown, Portsmouth, Va.
Gen. Bag. Agt.—J. H. Hill, Richmond, Va.
Commissioner—R. D. Carpenter, Richmond, Va.
Auditor—J. A. Walton, Portsmouth, Va.
Master Mach.—C. W. Walker, Portsmouth, Va.
Mast. Car Bldr.—D. W. Ballentine, Portsmouth, Va.

(*b*) *Carolina Central RR.*

President—John M. Robinson, Baltimore, Md.
Vice-President—R. C. Hoffman, Baltimore, Md.
Sec. & Treas.—John H. Sharp, Wilmington, N. C.
G. Mgr. & Prch. A.—John C. Winder, Raleigh, N. C.
Gen Superintendent—L. T. Myers, Portsmouth, Va.
Superintendent—T. W. Whisnant, Wilmington, N. C.
Gen. Fgt. & Pass. A.—F. W. Clark, Portsmouth, Va.
Commissioner—R. D. Carpenter, Richmond, Va.
Auditor—A. J. Howell, Wilmington, N. C.
Aud. of Tickets—T. H. Wright, Wilmington, N. C.
Mast. Mech.—James Maglenn, Laurinburg, N. C.
Road Master—J. T. Bluner, Maxton, N. C.
Road Master—W. B. Summersett, Charlotte, N. C.
Car Accountant—W. P. McGhee, Raleigh, N. C.
Gen. Bag. Agt.—J. H. Hill, Richmond, Va.
For. Loco. Rep.—T. L. Shaw, Laurinburg, N. C.

(*c*) *Raleigh and Augusta Air Line RR.*

President—John M. Robinson, Baltimore, Md.
Vice-President—R. C. Hoffman, Baltimore, Md.
Treas. & Sec.—W. W. Vass, Raleigh, N. C.
Gen. Man. & Pur. Agt.—John C. Winder, Raleigh, N.C.
Gen Superintendent—L. T. Myers, Portsmouth, Va.
Superintendent—William Smith, Raleigh, N. C.
Commissioner—R. D. Carpenter, Richmond, Va.
Gen. Fgt. & Tkt. Agt.—F. W. Clark, Portsmouth, Va.
Auditor—J. B. Martin, Raleigh, N. C.
Auditor of Tickets—T. H. Wright, Wilmington, N. C.
Road Master—H. P. Guess, Raleigh, N. C.
Car Accountant—W. P. McGhee, Raleigh, N. C.
Master Mech.—B. R. Harding, Raleigh, N. C.
Gen. Bag. Agt.—J. H. Hill, Richmond, Va.
Foreman Car Bldr.—R. T. Bishop, Raleigh, N. C.

(*d*) *Raleigh and Gaston RR.*

President—John M. Robinson, Baltimore, Md.
Vice-President—R. C. Hoffman, Baltimore, Md.
Treas. & Sec.—W. W. Vass, Raleigh, N. C.
Gen. Man. & Pur. Agt.—John C. Winder, Raleigh, N. C.
Gen. Superintendent—L. T. Myers, Portsmouth, Va.
Superintendent—William Smith, Raleigh, N. C.
Gen. Fgt. & Pass. Agt.—F. W. Clark, Portsmouth, Va.
Commissioner—R. D. Carpenter, Richmond, Va.
Auditor—J. B. Martin, Raleigh, N. C.
Aud. of Tickets—T. H. Wright, Wilmington, N. C.
Master Mech.—B. R. Harding, Raleigh, N. C.
Road Master—J. R. Thrower, Henderson, N. C.
Foreman Car Bldr.—R. T. Bishop, Raleigh, N. C.
Car Accountant—W. P. McGhee, Raleigh, N. C.
Gen. Bag. Agt.—J. H. Hill, Richmond, Va.

735 Seaboard Air Line—*Continued.*

(*e*) *Georgia, Carolina and Northern Railway.*

President—R. F. Hoke, Athens, Ga.
Vice-President—R. C. Hoffman, Baltimore, Md.
Treasurer and Secretary—A. L. Hull, Athens, Ga.
General Manager—John C. Winder, Raleigh, N. C.
Gen. Superintendent—L. T. Myers, Portsmouth, Va.
Superintendent—John A. Dodson, Chester, N. C.
Gen. Fgt. & Pass. Agt.—F. W. Clark, Portsmouth, Va.

(*f*) *Durham and Northern Railway.*

President—John C. Winder, Raleigh, N. C.
Vice-President—R. C. Hoffman, Baltimore, Md.
Treasurer & Secretary—J. M. Sherwood, Raleigh, N. C.
Superintendent—William Moncure, Durham, N. C.
Gen. Fgt. & Pass. Agt.—F. W. Clark, Portsmouth, Va.
Auditor—J. B. Martin, Raleigh, N. C.
Mast. Mach.—J. B. Harding, Raleigh, N. C.

736 Seattle, Lake Shore and Eastern Ry.

Pres. & Treas.—A. S. Dunham, Seattle, Wash.
Vice-President—J. H. Bryant, Seattle, Wash.
Secretary—T. J. Heacock, Seattle, Wash.
Asst. Sec. & Asst. Treas. } H. D. Williams, New York, N. Y.
Acting Supt.—F. W. Dunn, Seattle, Wash.
G. F. & P. Agt.—E. W. Ruff, Seattle, Wash.
Auditor—John Craig, Seattle, Wash.

737 Sea View RR.

President—F. A. Schroeder, Brooklyn, N. Y.
Treasurer—Isidore M. Bon, Brooklyn, N. Y.
Sec., Gen. Supt. & Pur. Agt.—J. L. Morrow, Flatbush, N.Y.
Mast. Mech.—William Finley, Flatbush, N. Y.
Road Master—John Erbeilding, Flatbush, N. Y.

738 Sebasticook and Moosehead RR.

President—Thomas Temple, Fredericton, N. B.
Vice-President—G. J. Shaw, Hartland, Me.
Secretary—D. E. Thompson, Hartland, Me.
Treasurer—J. O. Bradbury, Pittsfield, Me.
Superintendent—F. E. McIntosh, Hartland, Me.
Master Mechanic—J. Matthews, Hartland, Me.
Road Master—S. Johnston, Hartland, Me.

739 Sharpsville RR.

Pres. & Gen. Man.—J. V. Patton, Pittsburgh, Pa.
V.-Pres. & Treas.—J. B. Washington, Pittsburgh, Pa.
Superintendent—Wm. Truby, Sharpsville, Pa.
Secretary—S. K. Harris, Pittsburgh, Pa.
Aud. & Gen. Tkt. & Purch. Agt., } W. L. Washington, Pittsburgh, Pa.
Gen. Fgt. Agent—C. S. Wight, Pittsburgh, Pa.
Master Mech.—James Glass, Sharpsville, Pa.
Master Car Builder—Wm. Lynch, Sharpsville, Pa.

740 Shelby Iron Company's RR.

President—Ward W. Jacobs, Hartford, Ct.
Vice-President—(Vacancy.)
2d Vice-Pres., Gen. Man. and Purch. Agent } H. R. Stoughton, Shelby, Ala.
Treasurer—James W. Lapsley, Anniston, Ala.
Secretary—W. A. Willard, Hartford, Ct.
Gen. Supt.—J. T. Bostock, Shelby, Ala.
Gen. Fgt. & P. A—A. H. Avery, Shelby, Ala.
Chief Engineer—Ed. S. Safford, Shelby, Ala.
Mast. Mech.—John S. Chester, Shelby, Ala.

741 Shenandoah Valley RR.

Pres. & Receiver—Sidney F. Tyler, Philadelphia, Pa.
Vice-President—U. L. Boyce, Boyce P. O., Va.
Treas. & Secretary—G. R. W. Armes, Philadelphia, Pa.
Superintendent—D. W. Flickwir, Roanoke, Va.
G. P. & F. Agt.—O. Howard Royer, Roanoke, Va.
Auditor—T. H. Bransford, Roanoke, Va.
Purch. Agent—W. C. De Armond, Philadelphia, Pa.
Asst. Engineer—Theo. Low, Milnes, Va.
Bridge Insp'tor—I. A. Bricker, Milnes, Va.
Mast. Mech.—John E. Battye, Milnes, Va.

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742 Shepaug, Litchfield & Northern RR.

Pres. & Aud.—Geo. D. Chapman, New York, N. Y.
Vice-President—Harold Clemens, New York, N. Y.
Secretary—Walter Z. Brown, New York, N. Y.
Treasurer—C. H. Colt, Litchfield, Ct.
Supt. & Auditor—Alex. McNeill, Litchfield, Ct.
Mast. Mech.—C. W. Hollister, Hawleyville, Ct.
Road Master—D. C. Garrison, Roxbury Station, Ct.

743 Ship Island, Ripley & Kentucky RR.

President—(Vacancy).
Vice-President—J. W. T. Falkner, Oxford, Miss.
Treasurer—E. F. Campbell, Memphis, Tenn.
Gen. Supt., Gen. Fgt., Pur. & Tr. Agt., Mast. Trans., R. M. & Supt. Br.—C. L. Harris, Ripley, Miss.
Gen. Pass. Agent—W. C. Harris, Ripley, Miss.
Road Master—H. G. Stanford, Ripley, Miss.
Auditor—J. C. Harris, Ripley, Miss.
Mast. Mach. & Car Rep.—Thos. M. Cox, Ripley, Miss.

744 Sierra Valley and Mohawk RR.

President—James T. Boyd, San Francisco, Cal.
Vice-President—Charles Kohler, San Francisco, Cal.
Sec. and Treas.—R. D. Perry, San Francisco, Cal.
Chief Engineer—Hubert E. Green, Mohawk, Cal.

745 Silver Lake RR.

President—Arthur G. Yates, Rochester, N. Y.
Vice-Pres. & Treas.—H. H. Warner, Rochester, N. Y.
Auditor—F. W. Yates, Rochester, N. Y.
Secretary—Chas. H. Blakeslee, Rochester, N. Y.
Gen. Supt.—Harry Yates, Rochester, N. Y.
Superintendent—H. T. Gould, Perry, N. Y.

746 Silver Springs, Ocala and Gulf RR.

President—Thomas C. Hoge, New York, N. Y.
Vice-President—J. B. Upham, New York, N. Y.
Secretary—Robert B. Upham, New York, N. Y.
Gen. Man., Ch. En. & Pur. Ag.—A. P. Man, Jr., Ocala, Fla.
G. F. & P. Agt.—G. N. Saussy, Ocala, Fla.
Asst. Treas.—Edgar C. Bird, Ocala, Fla.
Acting Supt. Transp.—O. G. Finch, Ocala, Fla.
Road Master—W. B. Haynes, Leroy, Fla.
Supt. Bridges & Buildings—W. G. Leckle, Ocala, Fla.

747 Silverton RR.

President & Gen. Man.—Otto Mears, Denver, Col.
Vice-President—John A. Porter, Durango, Col.
Treasurer—John L. McNeill, Denver, Col.
Secretary—Jno. W. Wingate, Silverton, Col.
Superintendent—Moses Liverman, Silverton, Col.
Gen. Pass. Agent—S. K. Hooper, Denver, Col.
Chief Engineer—C. W. Gibbs, Silverton, Col.
Road Master—Nathan Hunter, Silverton, Col.
Attorney—Adair Wilson, Denver, Col.

748 Sioux City and Northern RR.

President—T. P. Gere, Sioux City, Ia.
Vice-President—James E. Booge, Sioux City, Ia.
Treasurer—A. S. Garretson, Sioux City, Ia.
Asst. Sec., Treas. & G. M.—F. C. Hills, Sioux City, Ia.
General Solicitor—C. L. Wright, Sioux City, Ia.
Traffic Manager—Jas. V. Mahoney, Sioux City, Ia.
Auditor—George Hills, Sioux City, Ia.
Car Accountant—W. W. Flack, Sioux City, Ia.
Chief Engineer—A. K. Shurtleff, Sioux City, Ia.
Train Disp. & Supt. Tel.—S. W. Welch, Sioux City, Ia.
Master Mechanic—J. G. Butterfield, Sioux City, Ia.

749 Sinaloa and Durango Railroad.

President—J. G. Stetson, Boston, Mass.
Treasurer—S. W. Richardson, Boston, Mass.
Gen. Supt.—George R. Douglass, Culiacan, Mex.
Clerk—F. E. James, Boston, Mass.

750 Sinnemahoning Valley Ry.

Pres. & Purch. Agt.—Frank H. Goodyear, Buffalo, N. Y.
Vice-President—C. W. Goodyear, Buffalo, N. Y.
Treas. & Aud.—E. O. Cheney, Buffalo, N. Y.
Secretary—N. N. Metcalfe, Austin, Pa.
G. P. & F. A.—H. C. Underhill, Buffalo, N. Y.
Gen. Superintendent—Geo. A. Caldwell, Austin, Pa.
Road Master—F. S. Curtis, Austin, Pa.

751 Skaneateles Railroad.

President—John E. Waller, Skaneateles, N. Y.
Vice-President—H. C. Sherman, Mottville, N. Y.
Tr., G. M., G. S., C. E., G. T. & F. Agt., Pur. & Tr. Agt. & Aud. & Supt. Bridges—J. McNamara, Skaneateles, N. Y.
Secretary—George Barrow, Skaneateles, N. Y.
Mast. Mach. & Car Rep.—Martin Fennell, Skaneateles, N. Y.
Road Master—Jas. King, Skaneateles, N. Y.

752 Slate Run RR.

President—James B. Weed, Binghamton, N. Y.
Treasurer—F. M. Weed, Binghamton, N. Y.
Secretary—Wm. S. Hill, Binghamton, N. Y.
Gen. Supt.—E. C. Rodman, Slate Run, Pa.
Chief Engineer—A. P. Bovier, Elmira, N. Y.

753 Somerset County RR.

President—Max Schweibinz, Confluence, Pa.
Vice-President—E. B. Leisenring, Manch Chunk, Pa.
Sec. & Supt.—Joseph Schaetzle, Confluence, Pa.
Treas. & Gen. Man.—P. H. Schweibinz, Confluence, Pa.
Chief Engineer—J. B. Coughanour, Confluence, Pa.
Road Master—Thos. Knight, Confluence, Pa.

754 Somerset Railway.

President—John Ayer, Oakland, Me.
Treas. & Sec.—A. R. Small, Oakland, Me.
Auditor—J. B. Bradbury, Waterville, Me.
Supt., Gen. Tkt., Fgt. & Purch. Agent, Master Transp. & R. M.—W. M. Ayer, Oakland, Me.
Chief Engineer—Parker Spofford, Bucksport, Me.
Master Mach.—C. Crowell, North Anson, Me.
Mas. Car Repr.—S. P. Mosher, Oakland, Me.
Foreman Car Painters—James Redmond, Oakland, Me.

755 Sonora Railway.

President—Allen Manvel, Chicago, Ill.
Vice-President—John J. McCook, New York, N. Y.
2d Vice-President—R. R. Symon, London, Eng.
Gen. Manager—A. A. Robinson, Topeka, Kan.
Treasurer—G. L. Goodwin, Boston, Mass.
Secretary—L. C. Deming, Boston, Mass.
A. S. & A. T.—E. Wilder, Topeka, Kan.
Fgt. Traf. Mgr.—J. A. Hanley, Chicago, Ill.
Pass. Traf. Mgr.—W. F. White, Chicago, Ill.
Auditor—J. W. Reinhart, Boston, Mass.
Comptroller—J. P. Whitehead, Boston, Mass.
Asst. Gen. Man.—H. T. Richards, Guaymas, Mex.
Asst. Aud.—A. E. Meade, Guaymas, Mex.
Cashier—W. J. Farragut, Guaymas, Mex.
Purch. Agent—W. G. Fuller, Topeka, Kan.
G. F. & P. A.—J. A. Waugle, Guaymas, Mex.

New Mexico and Arizona RR.

President—A. Manvel, Chicago, Ill.
Vice-President—J. W. Reinhart, Boston, Mass.
Sec. & Treas.—E. Wilder, Topeka, Kan.
Asst. Treas.—G. L. Goodwin, Boston, Mass.
Asst. Sec.—L. C. Deming, Boston, Mass.
Manager—A. A. Robinson, Topeka, Kan.
Comptroller—J. P. Whitehead, Boston, Mass.
Gen. Auditor—J. W. Reinhart, Boston, Mass.
Auditor—H. C. Clements, Topeka, Kan.
Superintendent—H. T. Richards, Benson, Ariz. T.
Gen. F. & P. A.—C. R. Hudson, Guaymas, Mex.

756 South Atlantic and Ohio RR.

President—Nathaniel Thayer, Boston, Mass.
Vice-Pres. & G. M.—H. W. Bates, Bristol, Tenn.
Sec. & Treas.—T. H. Wentworth, Jr., Bristol, Tenn.
Superintendent—John Jenkins, Bristol, Tenn.
G. Ft. & P. Agt.—W. C. Harrington, Bristol, Tenn.
Mast. Mech.—J. L. Van Bremer, Bristol, Tenn.
Chief Engineer—W. F. Gordon, Jr., Bristol, Tenn.

757 South Brunswick Terminal RR.

(*Projected Line*; South Brunswick to Cordele, Ga., 176 miles; under construction, South Brunswick to Waynesville, 16 miles.)

President—John E. Holly, New York, N. Y.
Secretary—E. P. Kennard, New York, N. Y.

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758 South Carolina Ry.

Receiver—D. H. Chamberlain, Charleston, S. C.
President—Henry P. Talmadge, New York, N. Y.
Vice-President—Jas. J. Higginson, New York, N. Y.
Sec. and Treas.—W. T. Minor, New York, N. Y.
Cashier for Receiver—W. G. Mazyck, Charleston, S. C.
Gen. Manager—C. M. Ward, Charleston, S. C.
Gen. Fyt. & Pass. Agt.—S. B. Pickens, Charleston, S. C.
Chief Engineer—A. De Cardene, Charleston, S. C.
Auditor—W. E. Stoney, Charleston, S. C.
Gen. Bag. Agt.—C. N. Wells, Charleston, S. C.
Mast. Car Bldr.—G. H. Gramling, Charleston, S. C.

759 Southern California Ry.

President—George C. Magoun, New York, N. Y.
Vice-President—Allen Manvel, Chicago, Ill.
2d V.-Pres. & Gen. Aud.—J. W. Reinhart, Boston, Mass.
Secretary—L. C. Deming, Boston, Mass.
Treas., Asst. Sec. & Tax Commr.—Frank H. Pattee, Los Angeles, Cal.
Assistant Treasurer—G. L. Goodwin, Boston, Mass.
General Manager—K. H. Wade, Los Angeles, Cal.
Comptroller—J. P. Whitehead, Boston, Mass.
General Counsel—John J. McCook, New York, N. Y.
General Solicitor—Geo. R. Peck, Topeka, Kan.
Solicitor—A. Brunson, Los Angeles, Cal.
Auditor—H. C. Whitehead, Los Angeles, Cal.
Chief Engineer—F. T. Perris, San Bernardino, Cal.
Purchasing Agent—C. A. Mead, San Bernardino, Cal.

760 Southern and Western Air Line RR.

(*Projected Line:* Shelby to Cranberry, N. C., 100 miles; graded, Shelby to Burke County line, 24 miles; under construction to Cranberry, 76 miles.)

President—S. McD. Tate, Morganton, N. C.
Vice-President—I. L. Martin, New York, N. Y.
Sec. & Treas.—Jas. A. Claywell, Morganton, N. C.
Chief Engineer—W. E. Walton, Morganton, N. C.

761 Southern Pacific Company.

GENERAL OFFICERS.

President—C. P. Huntington, New York, N.Y.
Act. Vice-Pres.—I. E. Gates, New York, N.Y.
1st V.-Pres.—Charles F. Crocker, San Francisco, Cal.
2d V.-Pres.—A. N. Towne, San Francisco, Cal.
3d V.-Pres.—J. C. Stubbs, San Francisco, Cal.
Sec. and Cont.—G. L. Lansing, San Francisco, Cal.
Treasurer—T. Hopkins, San Francisco, Cal.
Asst. Treasurer—N. T. Smith, San Francisco, Cal.
Asst. Clerk—C. F. Krebs, Louisville, Ky.
Trans. Agt.—Geo. Watkins, New York, N.Y.

OFFICIALS OF THE LINE.

G. M. Pac. Sys.—A. N. Towne, San Francisco, Cal.
G. M. Atl. Sys.—J. Kruttschnitt, Houston, Tex.
G. Traf. Man.—Richard Gray, San Francisco, Cal.
Asst. G. Traf. Man.—E. Hawley, N. Y.

(1) PACIFIC SYSTEM.

Gen. Supt.—J. A. Fillmore, San Francisco, Cal.
Asst. Supt.—R. H. Pratt, San Francisco, Cal.
Chief Engineer—Wm. Hood, San Francisco, Cal.
As. G.M. & Sup. of Tr.—W. G. Curtis, S. Francisco, Cal.
Man. Lines in Oregon—Richard Koehler.
Asst. Supt. Track—J. H. Wallace, San Francisco, Cal.
Gen. Auditor—E. C. Wright, San Francisco, Cal.
Tick. Aud.—A. D. W. McCullough, S. Francisco, Cal.
Fgt. Auditor—C. J. Wilder, San Francisco, Cal.
A. M. P. & M. D.—N. H. Foster, San Francisco, Cal.
Supt. Br. & Bld.—Arthur Brown, Oakland, Cal.
Supt. Mot. Pow.—H. J. Small, Sacramento, Cal.
Purch. Agent—Timothy Hopkins, San Francisco, Cal.
G. P. & T. A.—T. H. Goodman, San Francisco, Cal.
Asst. G.P. & F. A.—R. A. Donaldson, S. Francisco, Cal.
2d As. G.P. & T. A.—Jas. Horsburgh, Jr., S. Francisco, Cal.
Gen. Ft. Agt.—C. F. Smurr, San Francisco, Cal.
1st Asst. Gen. Ft. A.—J. M. Crawley, Los Angeles, Cal.
2d Asst. Gen. Ft. A.—Wm. Sproule, S. Francisco, Cal.
3d Asst. Gen. Ft. A.—A. D. Shepard, S. Francisco, Cal.
Gen. Bag. Agt.—O. C. Wheeler, San Francisco, Cal.
Asst. G. B. A.—C. L. Crabtree, San Francisco, Cal.

761 Southern Pacific Company—*Continued.*

Cashier—H. A. Cummings, San Francisco, Cal.
Paymaster—J. M. Hanford, San Francisco, Cal.
Supt. of Teleg.—F. L. VanDenburgh, San Francisco, Cal.
Ld. A. C. P. R. R.—W. H. Mills, San Francisco, Cal.
Ld. A. S. P. R.R.—Jerome Madden, San Francisco, Cal.
Gen. Solicitor—Creed Haymond, San Francisco, Cal.
Division Superintendents.—A. D. Wilder, Oakland, Cal.; J. B. Wright, Sacramento, Cal.; James Deitrick, Tulare, Cal.; S. W. Knapp, Ogden, Utah; E. E. Hewitt, Los Angeles, Cal.; J. A. Muir, Los Angeles, Cal.; W. W. Prugh, Stockton, Cal.; J. H. Whited, Wadsworth, Nev.; J. S. Noble, Tucson, Ariz.; R. L. Myrick, Carlin, Nev.; J. J. Lindberg, Dunsmuir, Cal.; T. J. Urquhart, Mojave, Cal.; L. Fillmore, San Francisco, Cal.; J. Brandt, Portland, Ore.
Asst. Supt. Strs.—A. Foster, Sacramento, Cal.
Division Road Masters.—N. B. Kellogg, Oakland Pier, Cal.; T. Fitzgerald, Ogden, U. T.; W. C. Ambrose, Tulare, Cal.; H. Hawgood, Los Angeles, Cal.; H. Cooley, Dunsmuir, Cal.

MOTIVE POWER AND MACHINERY DEPARTMENT.

Supt. Motive Power—H. J. Small, Sacramento, Cal.
Mast. Car B'r—Benjamin Welch, Sacramento, Cal.
Trav. Engs.—S. Johnson, Oakland, Cal.; H. L. Stevenson, Sacramento, Cal.; W. H. Russell, Los Angeles, Cal.
Master Mech.—T. W. Heintzleman, Sacramento, Cal.
Mast. Mech. & Chief Eng. Steamers—Wm. McKenzie, Oakland, Cal.
Fm. Mach. Shp.—George D. Welch, Oakland, Cal.
Mast. Car Rep.—W. B. Ludlow, Oakland, Cal.
Fm. Round H.—F. D. Simpson, Lathrop, Cal.; J. W. Clark, Sacramento, Cal.
Gen. Fm. Mach. S.—E. M. Lucket, Sacramento, Cal.
Fm. Boiler Shop—James Dunnigan, Sacramento, Cal.
Fm. Blacksm. Shop—S. Uren, Sacramento, Cal.
Fm. Foundry—M. A. Baxter, Sacramento, Cal.
Fm. Cop. Shop—Gus. Bauman, Sacramento, Cal.
Gen. Fm. Car Shops—V. Lemay, Sacramento, Cal.
Fm. Paint Shop—W. C. Fitch, Sacramento, Cal.
Fm. Uph. Shop—L. Duensing, Sacramento, Cal.
Fm. Patr. Shop—I. C. Shaw, Sacramento, Cal.
Fm. Cabinet Shop—D. A. Leitch, Sacramento, Cal.
Mast. Car Rpr.—Phil. Douglass, Sacramento, Cal.
Fm. Yard—A. Becker, Sacramento, Cal.
Div. Mast. Mech.—M. W. Cooley, Rocklin, Cal.
Fm. Round H.—H. Gale, Truckee, Cal.
Master Mech.—George H. Hunt, Wadsworth, Nev.
Mast. Car Rpr.—W. McPherson, Wadsworth, Nev.
Fm. Round H.—Chas. Duncan, Winnemucca, Nev.
Master Mech.—P. Sheedy, Carlin, Nev.
Mast. Car Rpr.—D. D. McRae, Carlin, Nev.
Fm. Round H.—Chas. Heitman, Wells, Nev.
Master Mechanic—M. J. Crosby, Terrace, Utah.
Mast. Car Rpr.—A. Sherburne, Ogden, Utah.
Fm. Round H.—C. E. Maynard, Ogden, Utah.
Mast. Mech.—H. Stillman, Dunsmuir, Cal.
Fm. Car Shop—C. Gill, Dunsmuir, Cal.
Fm. Round H.—J. C. Day, Red Bluff, Cal.
Mast. Mech.—C. W. Wallace, Tulare, Cal.
Fm. Round H.—J. A. Simpson, Mojave, Cal.
Fm. Shops—Thos. Carrick, Bakersfield, Cal.
Master Mech.—George Gregg, Los Angeles, Cal.
Mast. Car Rpr.—C. E. Donnatin, Los Angeles, Cal.
Fm. Round H.—F. Caldwell, Indio, Cal.; C. V. Connor, Yuma, Ariz.; J. C. Rowley, Gila Bend, Ariz.
Master Mech.—G. W. Carroll, Tucson, Ariz.
Mast. Car Rep.—J. B. Finley, Tucson, Ariz.
Fm. Round H.—A. C Hoffman, Lordsburg, N. M.
Fm. Shops—C. Wickstrom, Vallejo, Cal.
Fm. Car Shop—J. Crossman, San Francisco, Cal.
Ass't. M. M., S. & C. RR.—T. W. Younger, Stockton, Cal.
Mast. Mech.—A. Brandt, Portland, Ore.

(2) COAST DIVISION.

Superintendent—A. C. Bassett, San Francisco, Cal.
Asst. Supt.—W. H. Haydock, San Francisco, Cal.
Auditor—C. J. Robinson, San Francisco, Cal.
Asst. G. P. A.—H. R. Judah, San Francisco, Cal.
Asst. Gen. F. A.—E. J. Martin, San Francisco, Cal.
Road Master—J. T. Murphy, San José, Cal.
Fm. Road Carps.—Judson Rice, San José, Cal.
Mast. Mach.—John T. Wilson, San Francisco, Cal.
Mast. Car Bldr.—F. N. Bellisle, San Francisco, Cal.

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761 Southern Pacific Company—*Continued.*

(a) Southern Pacific RR. of California.

President—Chas. F. Crocker, San Francisco, Cal.
Vice-Pres.—Timothy Hopkins, San Francisco, Cal.
Agent & Atty.—C. P. Huntington, New York, N. Y.
Secretary—J. L. Willcutt, San Francisco, Cal.
Treasurer—N. T. Smith, San Francisco, Cal.

(b) Southern Pacific RR. of Arizona.

President—Chas. F. Crocker, San Francisco, Cal.
Vice-President—Timothy Hopkins, San Francisco, Cal.
Sec. & Treas.—F. S. Douty, San Francisco, Cal.

(c) Southern Pacific RR. of New Mexico.

President—Chas. F. Crocker, San Francisco, Cal.
Vice-President—Timothy Hopkins, San Francisco, Cal.
Sec. & Treas.—F. S. Douty, San Francisco, Cal.

(d) South Pacific Coast Ry.

President—Leland Stanford, San Francisco, Cal.
Vice-President—Chas. F. Crocker, San Francisco, Cal.
Secretary—W. V. Huntington, San Francisco, Cal.
Treasurer—Timothy Hopkins, San Francisco, Cal.

(e) Northern Railway.

President—Chas. F. Crocker, San Francisco, Cal.
Vice-President—Timothy Hopkins, San Francisco, Cal.
Secretary—W. V. Huntington, San Francisco, Cal.
Treasurer—N. T. Smith, San Francisco, Cal.

(f) Northern California Ry.

President—N. D. Rideout, Marysville, Cal.
Secretary—A. J. Binney, Marysville, Cal.
Treasurer—F. S. Douty, San Francisco, Cal.

(g) Central Pacific RR.

President—Leland Stanford, San Francisco, Cal.
1st *Vice-Pres.*—C. P. Huntington, New York, N. Y.
2d *Vice-Pres.*—Charles F. Crocker, New York, N. Y.
3d *Vice-Pres.*—A. N. Towne, San Francisco, Cal.
Secretary—E. H. Miller, Jr., San Francisco, Cal.
Treasurer—Timothy Hopkins, San Francisco, Cal.

(h) Oregon and California RR.

President—Leland Stanford, San Francisco, Cal.
Vice-President—C. P. Huntington, New York, N. Y.
2d *Vice-President*—Richard Koehler, Portland, Ore.
Secretary—Geo. H. Andrews, Portland, Ore.
Asst. Secretary—I. E. Gates, New York, N. Y.
Treasurer—Timothy Hopkins, San Francisco, Cal.

(i) California Pacific RR.

President—R. P. Hammond, San Francisco, Cal.
Vice-President—N. T. Smith, San Francisco, Cal.
Secretary—W. V. Huntington, San Francisco, Cal.
Treasurer—Timothy Hopkins, San Francisco, Cal.

(3) ATLANTIC SYSTEM.

Supt. & Gen. Man.—J. Kruttschnitt, Houston, Tex.
Traffic Man.—J. G. Schriever, New Orleans, La.
Local Treas.—J. B. Richardson, New Orleans, La.
Gen. Auditor—E. M. Underhill, New Orleans, La.
Gen. Supt. La. West., Y. & N. O. & G. H. & S. A. Rys. } W. G. Van Vleck, Houston, Tex.
G. Pass. Agt., G. S. G. W. T. & P. and N. Y. T. & M. Rys. } M. D. Monserrate, Victoria, Tex.
G. P. & Tkt. Agt.—W. C. Watson, New Orleans, La.
Gen. Fgt. Agt.—C. W. Bein, New Orleans, La.
Land Comnr.—C. C. Gibbs, Houston, Tex.
Asst. Gen. Mast. Mech.—J. J. Ryan, Houston, Tex.
Asst. Mad. Mech.—S. L. Skinner, San Antonio, Tex.
Gen. Bag. Agt.—E. G. Bleeker, Houston, Tex.
G. B. A. Lines E. of Lafayette } W. Faust, New Orleans, La.

Division Superintendents—W. F. Owen, New Orleans, La.; W. B. Mulvey, Houston, Tex.; J. T. McQueeney, San Antonio, Tex.; W. Murray, San Antonio, Tex.; R. H. Innes, El Paso, Tex.

Supt. B. & B.—D. K. Colburn, Houston, Tex.
Asst. Supt. B. & B.—J. F. France, San Antonio, Tex.
Asst. Supt. B. & B.—Angus McDonald, Houston, Tex.
Asst. Supt. B. & B.—C. C. Mallard, Algiers, La.

761 Southern Pacific Company—*Continued.*

MOTIVE POWER AND MACHINERY DEPARTMENT.

(a) Morgan's Louisiana and Texas RR.

President—A. C. Hutchinson, New Orleans, La.
V.-P. & Traf. M.—J. G. Shriever, New Orleans, La.
Sec. & Treas.—J. B. Richardson, New Orleans, La.
Asst. Secretary—I. E. Gates, New York, N. Y.
General Manager—J. Kruttschnitt, New Orleans, La.
Gen. Pass. Agt.—W. C. Watson, New Orleans, La.
Gen. Bag. Agt.—W. Faust, New Orleans, La.
Purch. Agent—C. Trumpy, New Orleans, La.
Superintendent—W. F. Owen, Algiers, La.
Mast. Mech.—James D. Connell, Algiers, La.
Div. Master Mech.—J. Mitchell, Lafayette, La.
For. Loco. Rep.—R. L. Herbert, Algiers, La.
Gen. For. Car Dept.—P. J. Maguire, Algiers, La.
For. Car Shop—J. Hildebrand, Algiers, La.
Mast. Car Pntr.—C. W. Smith, Algiers, La.
Road Masters { J. H. Callon, Algiers, La. / J. W. Clifford, Lafayette, La.

(b) Louisiana Western RR.

President—C. P. Huntington, New York, N. Y.
Vice-President—H. E. Garth, New York, N. Y.
Sec. & Treas.—I. E. Gates, New York, N. Y.
General Manager—J. Kruttschnitt, New Orleans, La.
Traffic Man.—J. G. Shriever, New Orleans, La.
Local Treas.—J. B. Richardson, New Orleans, La.
Div. M. M.—G. Butcher, Houston, Tex.
Road Master—Tim. Daily, Lake Charles, La.

(c) Texas and New Orleans RR.

President—C. P. Huntington, New York.
Vice-Pres. & Gen. Man.—J. Kruttschnitt, Houston, Tex.
Sec. & Aud.—E. M. Underhill, Houston, Tex.
Asst. Sec.—I. E. Gates, New York, N. Y.
Treasurer—P. J. Huder, Houston, Tex.
Div. M. M.—G. Butcher, Houston, Tex.
Road Master—John De Courcy, Houston, Tex.

(d) Sabine and East Texas RR.

President—J. Kruttschnitt, Houston, Tex.
Vice-President—W. S. Hoskins, Beaumont, Tex.
Sec. & Treas.—W. S. Hoskins, Beaumont, Tex.
Asst. Sec.—Wm. Mahl, New York, N. Y.
Auditor—Chas. A. Scott, Beaumont, Tex.
Gen. Fgt. & Pass. Agt.—W. S. Hoskins, Beaumont, Tex.
Div. M. M.—O. De Young.
Road Master—M. Thornton, Beaumont, Tex.

(e) G. H. & S. A. Ry.

President—C. P. Huntington, New York, N. Y.
Vice-Pres. & Gen. Man.—J. Kruttschnitt, Houston, Tex.
Sec. & Aud.—E. M. Underhill, Houston, Tex.
Treasurer—P. J. Huder, Houston, Tex.
Asst. Sec. & A. Treas.—Chas. Babbidge, Boston, Mass.
Div. M. Ms. { Ed. Ryan, San Antonio, Tex. / W. Laing, El Paso, Tex.
Road Masters { J. A. Perry, Houston, Tex. / Chas. Melville, Glidden, Tex. / J. P. Kelly, San Antonio, Tex. / P. E. Kelly, Del Rio, Tex. / W. Bradford, Marfa, Tex. / John Doley, Sierra Blanca, Tex.

(f) Gulf, Western Texas and Pacific Ry.

President—J. Kruttschnitt, Houston, Tex.
Gen. Fgt. & Pass. Agt.—W. J. Craig, Victoria, Tex.
Treasurer—W. J. Craig, Victoria, Tex.
Secretary—C. S. Wells, Victoria, Tex.
V.-Pres. & Gen. Supt.—M. D. Monserrate, Victoria, Tex.
Road Master—James Beaumont, Cuero, Tex.
G. Fgt. & R. Agt.—W. J. Craig, Victoria, Tex.
Div. M. M.—James Mooney, Cuero, Tex.
Auditor—R. S. Batson, Victoria, Tex.

(g) New York, Texas and Mexican Ry.

Pres. & G. M.—J. Kruttschnitt, Houston, Tex.
V.-P. & Gen. St.—M. D. Monserrate, Cuero, Tex.
Treasurer—W. J. Craig, Victoria, Tex.
Secretary—C. S. Wells, Victoria, Tex.
Gen. Fgt. & Pass. Agt.—W. J. Craig, Victoria, Tex.
Train Master—L. S. Daniel, Victoria, Tex.
Div. M. M.—James Mooney, Cuero, Tex.
Road Master—M. C. Whalen, Victoria, Tex.
Auditor—R. S. Batson, Victoria, Tex.

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762 Southfield Branch RR.

Pres. & Supt.—A. W. Humphreys, New York, N. Y.
Treasurer—Louis C. Clark, New York, N. Y.
Secretary—James M. Scofield, New York, N. Y.
Asst. Supt.—J. S. Ford, Southfields, N. Y.

763 South Florida RR.

Pres & Gen. M.—James E. Ingraham, Sanford, Fla.
Vice-President—E. B. Haskell, Boston, Mass.
Treasurer—C. C. Haskell, Sanford, Fla.
Secretary—R. B. Smith, New York, N. Y.
Supt., Gen. Road. Mast. & Purch. Agt. } B. R. Swoope, Sanford, Fla.
Aud. & G. F. & T. A.—Wilbur McCoy, Sanford, Fla.
Consulting Engineer—T. L. Morton, Sanford, Fla.
Supt. of Teleg.—Jno. S. Arnold, Sanford, Fla.
Mast. Mech.—R. Derby, Sanford, Fla.
Mast. Car Bldr.—A. B. Allen, Sanford, Fla.
Mast. Car Painter—Geo. D. Siday, Sanford, Fla.
Car Accountant—Ira E. Kaufman, Sanford, Fla.
Train Dispatchers { T. J. Richardson, Sanford, Fla. / C. W. Parham, Sanford, Fla.
Road Masters { W. H. Weatherly, Kissimee, Fla. / Q. W. Maisby, Lakeland, Fla.

764 South Manchester RR.

President—F. W. Cheney, South Manchester, Ct.
Sec. & Gen. M.—Richard O. Cheney, S. Manchester, Ct.
T. & G. F. A.—Chas. S. Cheney, South Manchester, Ct.

765 South Mountain Ry.

President—J. C. Fuller, Pine Grove F., Pa.
S., T., Gen. S.—W. H. Woodward, Carlisle, Pa.
Gen. Fgt. Agt.—C. F. Shower, Carlisle, Pa.
Chief Engineer—A. E. Lehman, Philadelphia, Pa.
Transf. Agts.—C. D. Barney & Co., Philadelphia, Pa.
Road Master—J. H. Norton, Carlisle, Pa.
Mas. Car Rps.—C. Fuller, Carlisle, Pa.
Mast. Mach.—John Christman, Pine Grove F., Pa.

766 South Sioux Falls Ry.

President—R. F. Pettigrew, Sioux Falls, So. Dak.
V.-Pres. & Gen. Man.—S. L. Tate, Sioux Falls, So. Dak.
Secretary—C. G. Ferguson, Sioux Falls, So. Dak.
Chief Eng. & Supt.—J. C. Barton, Sioux Falls, So. Dak.

767 Spokane Falls and Northern RR.

President—H. K. Thurber, New York, N. Y.
Vice-President—A. A. Newberry, Spokane Falls, Wash.
Sec. & Treas.—Alfred C. Chapin, Brooklyn, N. Y.
Asst. Treas. & Pur. Agt. } Austin Corbin, Spokane Falls, Wash.
Chief Engineer—E. J. Roberts, Spokane Falls, Wash.

768 Springville and Sardinia RR.

Pres. & G. M.—B. Chaffee, Springville, N. Y.
Vice-President—James Hopkins, Sardinia, N. Y.
Secretary—L. M. Cummings, Springville, N. Y.
Treasurer—A. L. Vaughan, Springville, N. Y.
Auditor—W. W. French, Springville, N. Y.

769 Staten Island Rapid Transit RR.

President—J. Frank Emmons, New York, N. Y.
Vice-Pres. & Man. Dir.—Thos. M. King.
Treasurer—W. H. Ijams, Baltimore, Md.
Asst. Treas.—Edward Curry, New York, N. Y.
Sec. & Trans. Agt.—William Keutgen, New York, N. Y.
Gen. Supt.—Frank S. Gannon, New York, N. Y.
Chief Engineer—(Vacancy.)
Mast. Transp. & Road Master } W. O. Spriggs, St. George, S. I.
Purch. Agent—W. H. Lewis, New York, N. Y.
Gen. Traf. Agt.—R. W. Pollock, New York, N. Y.
Supt. of Ferries—A. Braisted, New York, N. Y.
Mast. Mech.—Thos. Tyrrell, Clifton, S. I.

770 Sterling Mountain Ry.

P., G. M. & A.—A. W. Humphreys, New York, N. Y.
Treasurer—L. C. Clark New York, N. Y.
Secretary—J. M. Scofield, New York, N. Y.
S., C. E., G. F. & P. A.—E. B. Wilson, Sterlington, N.Y.

771 Stewartstown RR.

Pres., G. M. & Purch. Agt. } James Fulton, Stewartstown, Pa.
Vice-President—Jos. W. Anderson, Stewartstown, Pa.
Treasurer—A. Anderson, Stewartstown, Pa.
Secretary—John B. Gemmill, Stewartstown, Pa.
Gen. Manager—James Fulton, Stewartstown, Pa.
Chief Engineer—W. W. Stewart, York Springs, Pa.
Gen. T. & F. A.—A. G. Bowman, Stewartstown, Pa.
Rd. M. & Su. Br.—Jesse B. Kennedy, Shrewsbury, Pa.
Auditor—C. W. Shaw, Stewartstown, Pa.

772 Stewiacke Valley and Lansdowne RR.

(*Projected Line:* Stewiacke, N. S., to Landsdowne, 40 miles.)

President—Hon. S. H. Holmes, Halifax, N. S.
Sec. & Treas.—Chas. Annand, Halifax, N. S.
Managing Director—Geo. M. McKay, Lansdowne, N. S.
Chief Eng.—Lionel H. Buck, Upper Stewiacke, N. S.

773 Stony Clove and Catskill Mountain RR.

Pres. & Purch. Agt.—S. D. Coykendall, Rondout, N. Y.
Vice-P. & G. S.—George Coykendall, Rondout, N. Y.
Treas. & Sec.—Samuel Coles, Rondout, N. Y.
G. T. & F. A.—George Coykendall, Rondout, N. Y.
Auditor—O. L. Eastman, Rondout, N. Y.

774 Stony Creek RR.

President—Jas. Boyd, Norristown, Pa.
Sec., Tr. & Pur. A.—Howard Boyd, Norristown, Pa.
Supt. & Eng.—Geo. B. Boggs, Norristown, Pa.
Auditor—F. C. Boggs, Norristown, Pa.
Road Master—John Polster, Rennsburg, Pa.

775 Strasburg RR.

Owners—T. & H. Baumgardner, Lancaster, Pa.
Lessee—E. C. Mussleman, Leaman Pl., Pa.

776 Sturgis, Goshen and St. Louis Ry.

Receiver—W. K. Ackerman, Battle Creek, Mich.
Gen. Superintendent—W. I. Fox, Battle Creek, Mich.
Auditor—Bruce Ellis, Battle Creek, Mich.
Road Master—C. F. Buchanan, Battle Creek, Mich.

777 Stuttgart and Arkansas River RR.

President—F. M. Gillett, New York, N. Y.
Vice-President—W. S. Bradford, Providence, R. I.
Secretary—T. H. Leslie, Stuttgart, Ark.

778 Suburban Rapid Transit Company.

President—J. Hood Wright, New York, N. Y.
Sec. & Treas.—L. R. Pomeroy, New York, N. Y.
Chief Engineer—J. J. R. Croes, New York, N. Y.
Superintendent—E. B. Wetmore, New York, N. Y.
Purchasing Agent—A. E. Filley, New York, N. Y.

779 Suffolk and Carolina RR.

President—Wm. C. Seddon, Baltimore, Md.
V.-Pres. & Gen. Man.—Chas. H. Jones, Jr., Suffolk, Va.
Secretary—John S. Gittings, Baltimore, Md.
Treasurer—W. B. Oliver, Suffolk, Va.
Engineer—W. B. Cansey, Suffolk, Va.
Supt. Transp.—H. S. Macleary, Suffolk, Va.

780 Suffolk Lumber Co.'s RR.

President—W. H. Jackson, Salisbury, Md.
Sec. & Treas.—E. E. Jackson, Salisbury, Md.
Gen. Manager—W. M. Whaley, Suffolk, Va.

781 Suwannee River Ry.

President—Chas. L. Buckl, New York, N. Y.
Gen. Pass. & T. A.—C. S. Beerbower, Jacksonville, Fla.
Sec. & Treas.—Jas. Velt, Ellaville, Fla.
Gen. Supt.—W. N. McCormick, Ellaville, Fla.
C. E. & Land Com.—P. W. O. Koerner, Ellaville, Fla.

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782 Sylvania RR.

President—D. C. Bacon, Savannah, Ga.
Vice-Pres. & Man.—John C. Dell, Sylvania, Ga.
Treasurer—R. J. Davant, Savannah, Ga.
Sec. & Asst. Treas.—J. F. Lovette, Sylvania, Ga.

783 Syracuse and Baldwinsville RR.

President—Frank C. Hollins, New York, N. Y.
Vice-President—J. T. Skinner, Bald'sville, N.Y.
Treas. & Sec.—D. M. Henderson, New York, N. Y.
Rec. & Gen. Man.—F. F. Bentley, Bald'sville, N. Y.
Auditor—W. W. Lewis, Baldwinsville, N. Y.

784 Syracuse, Ontario & New York RR.

President—Ashbel Green, New York, N. Y.
Sec. & Treas.—E. V. W. Rossiter, New York, N. Y.
Gen. Manager—J. D. Layng, New York, N. Y.
Gen. Supt.—C. W. Bradley, Weehawken, N. J.
Superintendent—D. B. McCoy, Syracuse, N. Y.
Traffic Manager—J. W. Musson, New York, N. Y.
Supt. Mot. Power—W. Buchanan, New York, N. Y
Chief Engineer—Walter Katte, New York, N. Y.
Pur. Agent—Chas. Reed, New York, N. Y.
Comptroller—John Carstensen, New York, N. Y.
Gen. Fgt. Agt.—J. J. Farrell, Syracuse, N. Y.
Road Master—D. E. Dale, Syracuse, N. Y.

785 Tabor and Northern Ry.

President—Thos. McClelland, Tabor, Ia.
Secretary—A. T. West, Tabor, Ia.
Auditor—J. C. Tipple, Tabor, Ia.
Treasurer—J. E. Todd, Tabor, Ia.
Engineer in Charge—G. A. Laubenfels, Tabor, Ia.

786 Talbotton RR.

President—T. N. Gibson, Talbotton, Ga.
Supt., Sec. & Treas. & Purch. Agt. } S. W. Thornton, Talbotton, Ga.
Gen. Fgt., Tkt. & Tr. Agt. & Mast. Trans. } J. H. Dennis, Talbotton, Ga.
Attorney—C. J. Thornton, Columbus, Ga.
Chief Eng. & Mast. Mach. } T. R. Rersons, Talbotton, Ga.
Road Master & Supt. Bridges } J. H. Hollinshead, Talbotton, Ga.

787 Talladega and Coosa Valley RR.

Pres. & Gen. Man.—D. M. Rogers, Talladega, Ala.
Vice-President—S. Steiner, New York, N. Y.
Sec. & Treas.—W. H. Skaggs, Talladega, Ala.
Superintendent—G. M. Matlison, Renfroe, Ala.
Gen. Fgt. & T. A.—W. R. Golden, Talladega, Ala.
Auditor—W. H. Merrill, Talladega, Ala.
Chief Engineer—H. S. Watts, Renfroe, Ala.
Car Acct.—Miss E. F. Ware, Renfroe, Ala.
Mast. Mech.—F. Northcott, Renfroe, Ala.
Supt. of Br. & Bu.—E. G. LaTaste, Renfroe, Ala.

788 Tavares and Gulf RR.

President—Henry H. Jackson, New York, N. Y.
Vice-Presiaent—Chas. Tremain, Oswego, N. Y.
Aud., Sec. & Treas.—D. G. Ambler, Jacksonville, Fla.
Gen. Manager—W. B. Tucker, Orlando, Fla.
Asst. Gen. Fgt. & Pass. Agt.—R. B. Foss, Orlando, Fla.

789 Tavares, Orlando and Atlantic RR.

Receiver—Joseph H. Durkee, Jacksonville, Fla.
President—John A. Henderson, Tallahassee, Fla.
Acting Treas., Gen. Supt., Mast. Tr. & Gen. Fgt., Pass. & Pur. Agt. } W. B. Tucker, Orlando, Fla.
Auditor—John S. Driggs, Jacksonville, Fla.
Road Mast. & Supt. Brds.—J. J. Holland, Tavares, Fla.
Mast. Mach. & Car Rep.—J. H. McCamy, Orlando, Fla.
Car Accountant—S. Y. Way, Orlando, Fla.

790 Temiscouata Ry.

Pres. & Man. Dir. } John J. McDonald, Riv. du Loup, Que.
Vice-President—Hector Cameron, Toronto, Ont.
Gen. Supt. & Pur. Agt.—T. Crockett, Riv. du Loup, Que.
Sec. & Treas.—E. D. Boswell, Riv. du Loup, Que.
Gen. Fgt. & Tkt. Agt. & Aud. } D. B. Lindsay, Riv. du Loup, Que.
Chief Engineer—R. Adams Davy, Riv. du Loup, Que.
Mast. Mach. & Car Rep. } W. J. Walsh, Riv. du Loup, Que.
Road Master—A. E. Yeo, Riv. du Loup, Que.

791 Tennessee and Coosa RR.

(*See* GENERAL INDEX.)

792 Tennessee and Ohio Ry.

Pres., G. M. & P. A.—E. J. Sanford, Rogersville, Tenn.
Vice-President—A. J. Albers, Rogersville, Tenn.
Sec. and Treas.—W. P. Chamberlain, Rogersville, Tenn.
Superintendent—F. W. Carmakan, Rogersville, Tenn.
Gen. Pass. Agt.—Hugh Murray, Rogersville, Tenn.
Road Master—William Price, Rogersville, Tenn.
Aud. & G. F. Agt.—P. H. Pouder, Rogersville, Tenn.

793 Tennessee Central RR.

President—Chas. Clinton, Spring City, Tenn.
Sec., Treas. & Purch. Agt. } P. V. Mooney, Spring City, Tenn.
Gen. Supt.—Isaac Britton, Balta, Tenn.
Master Car Rep.—C. E. Sampson, Spring City, Tenn.

794 Tennessee Midland Ry.

President—Jno. Overton, Jr., Memphis, Tenn.
Vice-Pres. & Sec.—R. L. Traylor, Richmond, Va.
Treas. & Asst. Sec.—P. L. Jones, Memphis, Tenn.
Chief Engineer—R. H. Temple, Richmond, Va.
Gen. Man.—Ben Wilson, Memphis, Tenn.
Superintendent—J. P. Meredith, Memphis, Tenn.
Aud. & Gen. F. & P. A.—J. T. Garner, Memphis, Tenn.
Attorney—J. H. Watson, Memphis, Tenn.
Master Car Rep.—Samuel Steinberger, Memphis, Tenn.

795 Terminal RR. Association of St. Louis.

Pres. & Gen. Manager—Wm. Taussig, St. Louis, Mo.
Vice-President—J. F. Barnard, Cincinnati, O.
Superintendent—Frank Stilwell, St. Louis, Mo.
Aud. & Asst. Treas.—James Hanna, St. Louis, Mo.
Cashier—Fred. C. Daab, St. Louis, Mo.
Chief Engineer & Asst. to Pres. } H. P. Taussig, St. Louis, Mo.
Gen. Fgt. Agt.—John J. Baulch, St. Louis, Mo.
Gen. Pass. Agt.—V. W. Fisher, St. Louis, Mo.

796 Terre Haute and Peoria Ry.

President—C. W. Fairbanks, Indianapolis, Ind.
Treas., Gen. Man. & Purch. Agt. } I. H. Burgoon, Decatur, Ill.
Secretary—Frank J. Richmann, Indianapolis, Ind.
Gen. Tkt. & Fgt. Agt.—Andrew Stevens, Decatur, Ill.
Asst. Sec.—Wilberforce Sully, New York, N. Y.
Auditor—Walter M. Strange, Decatur, Ill.
Cashier—T. M. Hobart, Decatur, Ill.
Mast. Mach. & Car Rep.—W. G. Van Buskirk, Paris, Ill.
Master Transp.—W. T. Lyle, Decatur, Ill.
Road Master—Peter Ford, Decatur, Ill.

797 Texarkana and Fort Smith Ry.

President—F. L. Whitaker, Texarkana, Tex.
Treasurer—C. A. Williams, Texarkana, Tex.
Superintendent—L. L. Keller, Texarkana, Tex.

798 Texas and New Orleans RR.

President—C. P. Huntington, New York, N. Y.
Vice-Pres. & Gen. Man.—J. Kruttschnitt, Houston, Tex.
Treasurer—E. J. Hinder, Houston, Tex.
Secretary & Aud.—John Bagnall, Houston, Tex.
Gen. Supt.—W. G. Van Vleck, Houston, Tex.
Traffic Man.—J. G. Shriever, New Orleans, La.

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798 Texas and New Orleans RR.—*Continued.*

Gen. Fgt., Pass. & Claim Agt.—E. G. Bleker, Houston, Tex.
Paymaster—P. J. Huder, Houston, Tex.
Cashier—L. C. Manlove, Houston, Tex.
Asst. Land C.—G. W. Polk, Houston, Tex.
Superintendent—W. B. Mulvey, Houston, Tex.
Gen. Master Mech.—J. J. Ryan, Houston, Tex.
Road Master—John Delourcy, Houston, Tex.

799 Texas and Pacific Ry.

President—Jay Gould, New York, N. Y.
1st Vice-President—Geo. J. Gould, New York, N. Y.
2d Vice-President—S. H. H. Clark, St. Louis, Mo.
3d Vice-Pres. & G. Man.—John A. Grant, Dallas, Tex.
Sec. & Treas.—C. E. Satterlee, New York, N. Y.
Asst. Sec. & Treas.—L. S. Smith, Dallas, Tex.
Auditor—R. Fenby, Dallas, Tex.
Asst. Aud.—E. W. Tower, Dallas, Tex.
Land & Tax Commr.—W. H. Abrams, Dallas, Tex.
G. P. & T. A.—B. W. McCullough, Dallas, Tex.
Gen. Fgt. Agt.—E. H. Hinton, Dallas, Tex.
Asst. G. F. A.—G. H. Turner, Dallas, Tex.
Gen. Comm. Agt.—E. B. Wheelock, New Orleans, La.
Gen. Bag. Agt.—W. J. Taylor, Marshall, Tex.
Supt. Mot. Pow. & Roll. Stck.—M. W. Elliot, Marshall, Tex.
Mast. of Transp.—L. S. Thorne, Dallas, Tex.
T. Mas. R. G. D.—S. E. Judy, Big Springs, Tex.
Train Master—Leroy Trice, Marshall, Tex.
Train Master—N. G. Pearsall, Marshall, Tex.
Asst. Supt. Tel.—J. W. Stacey, Marshall, Tex.
Fuel & Mat. Acct.—A. J. Canfield, Dallas, Tex.
Road Master—D. E. Grove, Marshall, Tex.
Road Master—H. McDonough, Marshall, Tex.

800 Texas Central Ry.

President—A. C. Hutchinson, New Orleans, La.
V.-Pres., Treas., Eng. & Supt. N. W. Br.—J. M. Lee, Walnut Springs, Tex.
Secretary—R. E. L. Swanson, Walnut Springs, Tex.
Asst. Secretary—H. Hall, Houston, Tex.
Asst. Treas.—E. W. Cave, Houston, Tex.
Eng. & Supt. N. E. Br.—G. A. Quinlan, Corsicana, Tex.

(Other officers same as *Houston and Texas Central Ry.*)

801 Texas, Sabine Valley & Northwestern Ry.

President—N. S. Easton, New York, N. Y.
V.-P. & G. M. & G. F. & P. A., Chief Eng., Mast. Tr. & Pur. Agt.—R. J. Evans, Longview, Tex.
Auditor—F. M. Larchar, New York, N. Y.
Sec., Treas. & Tr. Agt.—E. S. Larchar, New York, N. Y.
Mast. Mech.—Geo. P. Spaulding, Longview, Tex.
Road Master—Geo. S. Ross, Longview, Tex.

802 Texas Transportation RR.

President—A. C. Hutchinson, New Orleans, La.
Vice-President—E. W. Cave, Houston, Tex.
Secretary—L. Meggel, Houston, Tex.
Treasurer—Chas. Fowler, Galveston, Tex.
Superintendent—Chas. Evershade, Houston, Tex.

803 Texas Trunk RR.

President—S. H. Kneeland, New York, N. Y.
Vice-President—Jules E. Schneider, Dallas, Tex.
Sec., Tr. & G. Man.—W. G. Mowry, New York, N. Y.
Gen. Supt. & Chief Eng.—J. D. Trammell, Dallas, Tex.
Gen. Tkl. & Fgt. Agt. & Aud.—P. A. Tucker, Dallas, Tex.
Asst. Auditor—Eugene Stell, Dallas, Tex.
Mast. Mach. & Car Ren.—Sam'l N. Wright, Dallas, Tex.
Road Master—James Reed, Dallas, Tex.
Supt. Bridges—C. A. Matthews, Dallas, Tex.
Train Master—Geo. T. Dashiell, Dallas, Tex.
Consulting Engineer—J. O. Osgood, New York, N. Y.
Superintendent—J. D. Trammel, Dallas, Tex.

804 Texas Western Ry.

Treas., Gen. Fgt. Agt. & Aud.—S. Packard, Houston, Tex.
Gen. Manager—John H. Gray, Houston, Tex.

805 Tilton and Belmont RR.

President—Charles E. Tilton, Tilton, N. H.
Sec. & Treas.—H. M. Cavis, Concord, N. H.
Gen. Traffic Man.—H. E. Chamberlin, Concord, N. H.
Gen. Fgt. Agt.—S. Barrett, Concord, N. H.
Gen. Ticket Agt.—F. E. Brown, Concord, N. H.
Supt. Train Service—E. F. Mann, Concord, N. H.
Supt. Motive Power & Rolling Stock—J. T. Gordon, Concord, N. H.
Supt. Const. & Main. of Way—W. A. Stowell, Concord, N. H.
Supply Agent—W. H. Alexander, Concord, N. H.

806 Tionesta Valley RR.

President—Walter Horton, Sheffield, Pa.
Vice-President—Webb Horton, Middletown, N. Y.
Treasurer—Charles Sigel, Sheffield, Pa.
Sec. & Gen. Supt.—Jerry Crary, Sheffield, Pa.
Gen. Manager—Isaac Horton, Sheffield, Pa.
G. Pass. & F. A.—George Horton, Sheffield, Pa.
Auditor—A. H. Bailey, Sheffield, Pa.

807 Titusville, Cambridge and Lake Erie RR.

President—A. H. Steele, Titusville, Pa.
Chief Engineer—F. P. James, Titusville, Pa.

808 Tobacco Belt RR.

President—L. B. Plumer, Madison, Fla.
Vice-Pres. & Land Com.—R. H. Marks, Madison, Fla.
Treas. & Gen. Man.—W. S. Jordan, Madison, Fla.
Aud. & Gen. Counsel—H. J. McCall, Madison, Fla.

809 Tobique Valley RR.

(*Projected Line:* Perth Centre, N. B., to Plaster Rock, N. B., 28 miles; under construction.)

President—John B. Stewart, Andover, N. B.
Chief Engineer—C. L. B. Miles, Andover, N. B.

810 Toledo and Ohio Central Ry.

President—S. Burke, Cleveland, O.
Vice-President—C. J. Canda, New York, N. Y.
Sec. & Treas.—J. F. Cline, Toledo, O.
Gen. Man.—J. M. Ferris, Toledo, O.
Auditor—John Langraf, Jr., Toledo, O.
Gen. Counsel—A. W. Scott, Toledo, O.
Superintendent—T. M. Bowlar, Toledo, O.
Gen. Freight Agent—Hudson Fitch, Toledo, O.
Gen. Ticket Agent—Moulton Houk, Toledo, O.
Car Accountant—M. C. Trout, Toledo, O.
Chief Engineer—C. Buxton, Toledo, O.
Road Master—G. R. Campbell, Bucyrus, O.
Master Mech.—J. B. Morgan, Bucyrus, O.
Transfer Agt.—Central Trust Co., New York, N. Y.

811 Toledo & Ohio Central Extension RR.

Acting President—Wm. H. Gurley, Marietta, O.
Treas. & Gen. Man.—T. D. Dale, Marietta, O.
Secretary—A. D. Follett, Marietta, O.
Auditor—Fred. Price, Marietta, O.
Gen. Fgt. & Pass. Agt.—H. C. Vincent, Marietta, O.
Chief Engineer—Chas. E. Gard, Marietta, O.
Master Mechanic—Wm. Morse, Marietta, O.
Master Transp.—H. C. Kelley, Marietta, O.
Road Master & Supt. Bridges—L. Divine, Marietta, O.
Auditor—F. Price, Marietta, O.

812 Toledo and South Haven RR.

Pres. & Treas.—R. B. Dobson, South Bend, Ind.
Vice-President—C. J. Monroe, South Bend, Ind.
Man. & Asst. Treas.—John Ihling, South Bend, Ind.
Secretary—W. G. Snow, South Bend, Ind.

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813 Toledo, Ann Arbor & North Michigan Ry.

President—Gov. J. M. Ashley, New York, N. Y.
Vice-President—Jas. M. Ashley, Jr., New York, N. Y.
2d Vice-President—A. W. Wright, Alma, Mich.
Gen. Man. & Purch. Agent } H. W. Ashley, Toledo, O.
Secretary—B. F. Jervis, New York, N. Y.
Asst. Secretary—F. S. Chandler, Toledo, O.
Auditor—F. Gossman, Toledo, O.
Treasurer—G. B. Parke, Toledo, O.
Engineer—H. R. Riggs, Toledo, O.
Gen. Freight Agt.—W. H. Bennett, Toledo, O.
Gen. Pass. Agt.—A. J. Paisley, Toledo, O.
Superintendent—J. B. Conners, Owosso, Mich.
Mast. Mech.—A. Galloway, Owosso, Mich.
R. M. N. Div.—H. Gibbs, Owosso, Mich.
R. M. S. Div.—Henry Smith, Azalia, Mich.

814 Toledo, Columbus & Cincinnati Ry.

President—Stevenson Burke, Cleveland, O.
Sec. & Treas.—John F. Cline, Toledo, O.
General Manager—J. M. Ferris, Toledo, O.
Superintendent—H. A. Cooper, Toledo, O.
Gen. Counsel—John H. Doyle, Toledo, O.
Gen. Fgt. Agt.—Hudson Fitch, Toledo, O.
Gen. Ticket Agt.—Moulton Houk, Toledo, O.
Chief Engineer—C. Buxton, Toledo, O.
Auditor—John Langraf, Jr., Toledo, O.
Purchasing Agent—C. A. Carlisle, Toledo, O.
Road Master—W. J. McClaren, Bowling Green, O.

815 Toledo, Findlay and Springfield Ry.

Pres., Gen. Man. & Pur. Agt.—T. P. Brown, Toledo, O.
Vice-President—Geo. G. Hadley, Toledo, O.
Treasurer—Geo. H. Ketcham, Toledo, O.
Sec. & Transf. Agt.—H. A. Brown, Toledo, O.
Aud., Gen. Fgt. & Tkt. Agt. } E. C. Law, Toledo, O.
Supt., Mast. Tr., R. M. & S. B. } W. W. Harring, Bowling Green, O.

816 Toledo, Peoria and Western RR.

Pres., Treas. & Mgr.—E. F. Leonard, Peoria, Ill.
Vice-Pres. & Gen. Supt.—E. N. Armstrong, Peoria, Ill.
Sec. & Auditor—E. D. Usner, Peoria, Ill.
Gen. Fgt. & Pass. Agt.—H. D. Gould, Peoria, Ill.
Asst. Gen. Fgt. Agt.—D. Mowat, Peoria, Ill.
Mast. Mech. & Purch. Agt.—B. Warren, Peoria, Ill.
Supt. B. & B.—J. H. Markley, Peoria, Ill.
Road Master—C. Ennis, Gilman, Ill.
Paymaster—Theo. Higbie, Peoria, Ill.
Tr. Agt.—Farmers' Loan & Trust Co., New York, N. Y.

817 Toledo, Saginaw and Muskegon Ry.

President—J. Hickson, Montreal, Can.
Vice-Pres. & G. M.—W. J. Spicer, Detroit, Mich.
Sec. & Treas.—Jas. H. Muir, Detroit, Mich.
Traffic Man.—John W. Loud, Detroit, Mich.
Superintendent—A. B. Atwater, Detroit, Mich.
Counsel—E. W. Meddaugh, Detroit, Mich.
Chief Eng.—Geo. Masson, Detroit, Mich.
Asst. G. F. A.—J. McQueen, Jr., Detroit, Mich.
Mech. Supt.—H. Roberts, Detroit, Mich.

818 Toledo, St. Louis & Kansas City RR.

Sec. & Treas.—Isaac W. White, New York, N. Y.
Paymaster—M. L. Crowell, Toledo, O.
Auditor—D. D. Davis, Toledo, O.
Gen. Pass. Agt.—C. C. Jenkins, Toledo, O.
Gen. Fgt. Agt.—W. S. Weed, Toledo, O.
Trav. Pass. Agt.—Fred. G. Boyd, Toledo, O.
Chief Engineer—A. L. Mills, Toledo, O.
Supt. Teleg.—Neil McKinnon, Toledo, O.
Supt. Mach. & Rol. Stck.—John Ortton, Delphos, O.
Mast. Transp. & Pur. A.—C. N. Pratt, Frankfort, Ind.

819 Tonawanda Valley and Cuba RR.

President—P. F. Bellinger, Elizabeth, N. J.
Vice-Pres. & Receiver—Aug. Stein, New York, N. Y.
Secretary—Theo. F. Wood, New York, N. Y.
Treasurer—B. W. Spencer, New York, N. Y.
Superintendent—B. P. Humphrey, Attica, N. Y.

820 Topeka, Westmoreland and Marysville RR.

President—H. C. Lynn, Topeka, Kan.
Sec. and Treas.—John R. Mulvane, Topeka, Kan.

821 Trout Run RR.

President—W. L. Torbert, Cammal, Lycoming Co., Pa.
S. & G. Man. } C. E. Titman, Cammal, Lycoming Co., Pa.
Sec. & Asst. Supt. } J. F. Finney, Cammal, Lycoming Co., Pa.
Treasurer—J. M. Titman, Cammal, Lycoming Co., Pa.
Pass. Agt. & Traff. Man. } O. A. Keim, Cammal, Lycoming Co., Pa.
Mast. Mech.—Geo. Dickison, Cammal, Lycoming Co., Pa.

822 Troy and Tiptonville RR.

President—John Echols, Louisville, Ky.
Secretary—A. T. Sabin, Louisville, Ky.
Gen. Supt. & C. E.—J. L. Frazier, Louisville, Ky.
Auditor—J. W. Baird, Louisville, Ky.

823 Tuckerton RR.

President—Samuel Ashurst, Philadelphia, Pa.
Vice-President—R. Stuyvesant, New York, N. Y.
Treasurer—R. Ashurst, Philadelphia, Pa.
Secretary—T. T. Price, Tuckerton, N. J.
Supt., Purch. Agt. & G. F. & P. A. } H. N. Gilson, Tuckerton, N. J.
Auditor—W. W. Pharo, Philadelphia, Pa.

824 Tucson, Globe and Northern RR.

President—W. H. Culver, Tucson, Ariz.
Vice-President—M. M. Broadwell, Kansas City, Mo.
Treasurer—Geo. Pusch, Tucson, Ariz.
Sec. & Chief Eng.—Chas. E. Walker, Tucson, Ariz.
Gen. Man.—W. W. Walker, Tucson, Ariz.
Asst. Sec.—W. J. Broadwell, New York, N. Y.

825 Tunnelton, Kingwood and Fairchance RR.

President—C. M. Bishop, Kingwood, W. Va.
Vice-President—W. G. Brown, Kingwood, W. Va.
Secretary—W. M. O. Dawson, Tunnelton, W. Va.
Treasurer—A. J. Bondfield, Tunnelton, W. Va.

826 Turtle Creek Valley RR.

(*Projected Line*: Stewarts to Saltsburg, Pa., 23 miles; under construction, Stewarts to Murraysville, 6 miles; surveyed, Murraysville to Saltsburg, 17 miles.)

President—J. N. DuBarry, Philadelphia, Pa.
Sec. & Treas.—Jas. R. McClure, Philadelphia, Pa.
Chief Engineer—J. U. Crawford, Philadelphia, Pa.

827 Tuskegee RR.

Treas. & Agt.—W. H. Wright, Tuskegee, Ala.

828 Ulster and Delaware RR.

President—Edwin Young, Albany, N. Y.
Vice-President—R. C. Pruyn, Rondout, N. Y.
Secretary—S. G. Dimmick, Rondout, N. Y.
Treasurer—A. Benson, Rondout, N. Y.
Gen. Supt.—J. H. Jones, Rondout, N. Y.
Gen. Pass. & F. A.—N. A. Sims, Rondout, N. Y.
S. Tran. M. M.—A. E. Benson, Rondout, N. Y.
M. C. R., S. B. } J. H. Decker, Rondout, N. Y.
Road Master
Auditor—R. B. Jones, Rondout, N. Y.

829 Union Depot Co. of Kansas City.

President—Geo. H. Nettleton, Kansas City, Mo.
Treasurer—C. C. Ripley, Kansas City, Mo.
Secretary—W. J. Ferry, Kansas City, Mo.
Superintendent—E. G. Fish, Kansas City, Mo.

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830 Union Depot and RR. Co.

President—J. K. Choate, Denver, Col.
Vice-President—W. S. Cheeseman, Denver, Col.
Secretary—Scott Bryan, Denver, Col.
Treasurer—S. N. Wood, Denver, Col.
Superintendent—W. B. Trufant, Denver, Col.

831 Union Freight Railroad.

President—Charles F. Choate, Boston, Mass.
Gen. Manager—J. R. Kendrick, Boston, Mass.
Treasurer—J. M. Washburn, Boston, Mass.
Superintendent—A. H. Grovenor, Boston, Mass.
Gen. Fgt. Agt.—S. C. Putnam, Boston, Mass.
Purch. Agent—R. W. Husted, Boston, Mass.
Master Mech.—F. P. Busiel, Boston, Mass.
Road Master—C. H. Eastman, Boston, Mass.

832 Union Pacific Ry.

President—Charles F. Adams, Boston, Mass.
Vice-President—W. H. Holcomb, Omaha, Neb.
2d Vice-President—Gardiner M. Lane, Boston, Mass.
Gen. Counsel—John F. Dillon, New York, N. Y.
Comptroller—Oliver W. Mink, Boston, Mass.
Treasurer—James G. Harris, Boston, Mass.
Secretary—Alex. Millar, Boston, Mass.
Asst. Treas. & Asst. Sec.—L. S. Anderson, Boston, Mass.
Transfer Agents { Frank D. Butrick, Boston, Mass. / Union Trust Co., New York, N. Y.
Registrars of Transfers { Amer. Loan & Trust Co., Boston, Mass. / Mercantile Trust Co., New York, N. Y.

OFFICERS ON THE LINE.

Vice-President—William H. Holcomb, Omaha, Neb.
3d Vice-President—Thos. L. Kimball, Omaha, Neb.
Gen. Man. of Missouri Riv. Div. { J. O. Brinkerhoff, Omaha, Neb.
Gen. Man. of Mountain Div. { C. F. Resseguie, Salt Lake City, Ut.
Gen. Man. of Pac. Div.—Chas. J. Smith, Portland, Ore.
Gen. Man. S. & J. & G. I. Div. { Edwin McNeill, St. Joseph, Mo.
Gen. Man. Gulf Div.—C. F. Meek, Denver, Col.

General Traffic Manager—C. S. Mellen, Omaha, Neb.
Asst. Gen. Traf. Man.—J. A. Monroe, Omaha, Neb.
General Freight Agents { J. S. Tebbets, Omaha, Neb. / H. A. Johnson, Denver, Col. / B. Campbell, Portland, Ore. / W. P. Robinson, Jr., St. Joseph, Mo.
General Passenger Agents { E. L. Lomax, Omaha, Neb. / Geo. Ady, Denver, Col. / T. W. Lee, Portland, Ore. / F. L. Lynde, St. Joseph, Mo. / W. H. Hurlburt, San Fran., Cal. / F. B. Semple, Denver, Col.
Assistant General Freight Agents { J. V. Parker, Salt Lake City, Utah. / E. H. Wood, Omaha, Neb. / J. G. Woodworth, Portland, Ore. / F. B. Whitney, Kansas City, Mo. / H. A. Johnson, Denver, Col.
Asst. Gen. Pass. Agt.—J. W. Scott, Omaha, Neb.

Supt. Mot. Pow. & Mach. } Harvey Middleton, Cheyenne, Wy.
Asst. Supt. Mot. Pow. & Mach. } John Wilson, Omaha, Neb.
Asst. Gen. Purch. Agt. { L. S. Anderson, Omaha, Neb.
Chief of Construction—John S. Cameron, Omaha, Neb.
Supt. of Car Service—E. Buckingham, Omaha, Neb.
Supt. of Telegraph—L. H. Korty, Omaha, Neb.

Supt. Kansas Div.—
Supt. Nebraska Div.—J. M. Barr, Omaha, Neb.
Supt. Wyoming Div.—R. W. Baxter, Cheyenne, Wy.
Supt. Idaho Div.—W. L. Ryder, Pocatello, Idaho.
Supt. Colorado Div.—R. J. Duncan, Denver, Col.
Supt. Utah Div.—F. L. Corwin, Salt Lake City, Utah.
Supt. Pacific Div.—C. W. Johnson, Portland, Ore.
Gen. Roadmaster, St. J. & G. I. Div. } Wm. Williams, St. Joseph, Mo.
Supt. New Mex. Div.—F. E. Bissell, ——

832 Union Pacific Ry.—*Continued.*

Gen. Counsel—John F. Dillon, New York, N. Y.
General Solicitor—John M. Thurston, Omaha, Neb.
Gen Att'y Kansas Div.—A. L. Williams, Topeka, Kan.
Asst. Gen. Solicitor & Gen. Attorney for Nebraska { W. R. Kelly, Omaha, Neb.
Gen. Attorney Pacific Div.—W. W. Cotton, Portland, Ore.
Asst. Gen. Att'y for Nebraska { E. P. Smith, Omaha, Neb.
Asst. Gen. Att'y for Kansas Div. { Charles Monroe, Topeka, Kan.
Gen. Att'ys for Colorado—Teller & Orahood, Denver, Col.
Gen. Attorneys for Wyoming { Corlett, Lacey & Riner, Cheyenne, Wy / P. L. Williams, Salt Lake City, Utah.
Attorneys { Samuel Word, Butte, Montana. / W. H. Savidge, Pocatello, Idaho.
Gen. Claim Agent—John R. Manchester, Omaha, Neb.

Auditor—Erastus Young, Omaha, Neb.
Assistant Auditor—D. B. Hunt, Omaha, Neb.
Aud. of Disbursements—J. W. Griffith, Omaha, Neb.
Freight Auditor—A. S. Van Kuran, Omaha, Neb.
Auditor Passenger Accounts—W. S. Wing, Omaha, Neb.

Chief Engineer—V. G. Bogue, Omaha, Neb.
Assistant to Chief Eng.—Lewis T. Wolle, Omaha, Neb.
Local Treasurer—F. D. Brown, Omaha, Neb.
Gen. Land Commnr.—Albert Woodcock, Omaha, Neb.
Land Commissioner—B. A. McAllaster, Omaha, Neb.
Chief Surgeon—Oscar J. Pfeiffer, Denver, Col.
Supt. Stone Quarries—S. F. Rhoades, Stout, Col.
General Storekeeper—J. H. Stafford, Omaha, Neb.
Supt. Hotel Department.—F. Washburn, Omaha, Neb.
Supt. Commissary Dept.—W. C. Ilette, Portland, Ore.
Supt. Coal Mines—G. C. Hewett, Rock Springs, Wy.

833 Union Point and White Plains RR.

President—John C. Hart, Union Point, Ga.
Vice-President—J. H. Kilpatrick, White Plains, Ga.
Secretary—R. Tappan, White Plains, Ga.
Treasurer—A. H. Smith, White Plains, Ga.

834 Upper Coos and Hereford Roads.

Pres. U. C. RR.—George Van Dyke, Coos, N. H.
Pres. H. RR.—W. B. Ives, M. P., Sherbrooke, P. Q.
Treasurer—Jas. P. Cook, Boston, Mass.

(Leased in June, 1890, to Maine Central RR. Co.)

835 Utah Eastern RR.

Receiver—H. G. McMillan, Salt Lake City, Utah.

836 Vaca Valley and Clear Lake RR.

Pres. & Gen. Man.—A. M. Stevenson, Vacaville, Cal.
Vice-President—T. Hopkins, San Francisco, Cal.
Treasurer—Charles F. Crocker, San Francisco, Cal.
Secretary—W. V. Huntington, San Francisco, Cal.
Gen. Pass. & Fgt. A.—A. V. Stevenson, Vacaville, Cal.
Superintendent—G. B. Stevenson, Vacaville, Cal.
Road Master—Joseph Young, Winters, Cal.

837 Valley Railway (Ohio).

President—Thomas M. King, Baltimore, Md.
Vice-President—S. T. Everett, Cleveland, O.
Sec. & Treas.—Henry M. Keim, Cleveland, O.
Superintendent—J. T. Johnson, Cleveland, O.
Gen. Fgt. & Pass. Agt.—J. B. Caven, Cleveland, O.
Auditor—Jas. Bartol, Cleveland, O.
Asst. Treas.—W. B. Porter, Cleveland, O.
Asst. to Pres. & Gen. Agt. } William Thornburgh, Cleveland, O.

838 Vandalia Line.

(Composed of the following roads: St. Louis, Vandalia and Terre Haute; Terre Haute and Indianapolis, and Terre Haute and Logansport and Indiana and Lake Michigan RRs.)

CORPORATE OFFICERS OF THE TERRE HAUTE AND INDIANAPOLIS RR. CO.

President—W. R. McKeen, Terre Haute, Ind.
Vice Pres., Gen. Man. & Gen. Counsel { J. G. Williams, Terre Haute, Ind.
Treasurer—J. W. Cruft, Terre Haute, Ind.
Sec. & Gen. Agt.—G. E. Farrington, Terre Haute, Ind.

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838 Vandalia Line—*Continued.*

OPERATING OFFICERS.

Asst. Gen. Man.—Joseph Hill, St. Louis, Mo.
Asst. Supt.—E. R. Darlow, St. Louis, Mo.
Gen. Fgt. Agent.—H. W. Hibbard, St. Louis, Mo.
Gen. Pass. Agent.—E. A. Ford, St. Louis, Mo.
A. G. Pass. Agt.—J. M. Chesbrough, St. Louis, Mo.
A. G. Pass. Agt.—H. R. Dering, Indianapolis, Ind.
G. Bag. Agt.—R. R. Bentley, St. Louis, Mo.
Dist. Bag. Agt.—I. S. Boyer, Indianapolis, Ind.
Purch. Agent—C. R. Peddle, Terre Haute, Ind.
Auditor—W. S. Roney, Terre Haute, Ind.
Su. Mo. P. & M.—G. H. Prescott, Terre Haute, Ind.
Supt. of B. & B.—C. E. Fuller, Terre Haute, Ind.
Supt. Transp.—N. K. Elliott, Terre Haute, Ind.
Paymaster—F. C. Crawford, Terre Haute, Ind.
Car Accountant—H. G. Sleight, Terre Haute, Ind.
Gen. Counsel—J. G. Williams, Terre Haute, Ind.
Eng. T. H. & I. & St. L., V. & T. H. Divs.—A. J. Gibbons, Terre Haute, Ind.
Eng. T. H. & L. Div.—Benj. McKeen, Terre Haute, Ind.
Supt. Teleg.—R. B. Woolsey, Terre Haute, Ind.
Div. M. M.—F. C. Cleaver, Terre Haute, Ind.; C. Butler, Terre Haute, Ind.; C. Idler, Indianapolis, Ind.
Road Masters—John Schofield, Brazil, Ind.; M. Reedy, Effingham, Ill.; J. S. Brothers, Crawfordsville, Ind.

839 Vermont Valley RR. of 1871.

President—A. B. Harris, New York, N. Y.
Treasurer—J. H. Williams, Bellows Falls, Vt.
Gen. Superintendent—J. Mulligan, Springfield, Mass.
Auditor—W. H. Wilson, Springfield, Mass.
Gen. Tkt. Agt.—E. C. Watson, Springfield, Mass.
Gen. Fgt. Agt.—H. C. Howard, Springfield, Mass.
Chief Engineer—E. T. Clark, Springfield, Mass.
Road Master—W. E. Clark, Charleston, N. H.

840 Versailles and Midway RR.

President—W. H. Graddy, Versailles, Ky.
Vice-Pres. & G. M.—T. H. Hays, Louisville, Ky.
Treasurer—J. P. Amsden, Versailles, Ky.
Sec. & Supt.—Robert Wallace, Versailles, Ky.
Gen. P. & F. Agt.—C. M. Browning, Versailles, Ky.
Mast. Mech.—W. Q. Hall, Versailles, Ky.

841 Victoria and Western RR.

President—J. F. Wheeler, Colmbus, O.
Sec. & Treas.—Lee Chamberlain, Columbus, O.
Superintendent—H. R. Brown, Goshen, Va.
Auditor—J. S. Wheeler, Colmbus, O.

842 Vincennes and New Albany RR.

(*Projected Line:* Vincennes to New Albany, Ind., 126 miles; under contract.)

President—Edward Watson, Vincennes, Ind.

843 Virginia and Truckee RR.

President—D. O. Mills, New York, N. Y.
V.-P. & G. Supt.—H. M. Yerington, Carson, Nev.
Treasurer—Agency Bank of Cal., Virginia, Nev.
Secretary—E. B. Yerington, Virginia, Nev.
Gen. Fgt. & Pass. Agt.—D. A. Bender, Carson, Nev.
Auditor—George T. Mills, Carson, Nev.
Purch. Agent—Hume Yerington, Carson, Nev.
Road Master—C. C. Atherton, Carson, Nev.
Mast. of Mach.—I. N. Fording, Carson, Nev.
Mast. Transp.—A. M. Ardery, Carson, Nev.
Mast. Car Builder—(Vacancy.)
Master Car Paint.—D. R. Culp, Carson, Nev.

(*a*) *Carson and Colorado RR.*

Pres. & Gen. Sup.—H. M. Yerington, Carson, Nev.
Vice-President—D. L. Bliss, Carson, Nev.
Treasurer—S. P. Smith, Sacramento, Cal.
S. & G. F. & P. A.—D. A. Bender, Carson, Nev.
Asst. Secretary—E. B. Yerington, Virginia, Neb.
Auditor—Geo. T. Mills, Carson, Nev.
Asst. Gen. Supt.—R. J. Laws, Hawthorne, Nev.
Supt. Teleg.—A. M. Ardery, Carson, Nev.
Road Master—J. H. McBride, Hawthorne, Nev.
Purch. Agt.—Hume Yerington, Carson, Nev.
Mast. Mech.—Charles Quinn, Hawthorne, Nev.
Mas. Car Paint.—D. R. Culp, Carson City, Nev.

844 Vincennes, Oakland City and Owensboro RR.

President—Edward Watson, Vincennes, Ind.
Vice-President—J. C. Haines, Lake, Ind.
Treasurer—W. A. Oliphant, Union, Ind.
Gen. Solicitor—J. B. Cockrum, Indianapolis, Ind.

845 Visalia and Tulare RR.

President—Jasper Harrell, Visalia, Cal.

846 Visalia RR.

Pres. & Gen. Man.—R. E. Hyde, Visalia, Cal.
Vice-President—E. Jacob, Visalia, Cal.
Secretary—Julius Levy, Visalia, Cal.
Treasurer—Bank of Visalia, Visalia, Cal.

847 Wabash RR.

President—O. D. Ashley, New York, N. Y.
Vice-Presidents—Edgar T. Welles, New York, N. Y.; James F. How, St. Louis, Mo.
Secretary—J. C. Otteson, New York, N. Y.
Treasurer—F. L. O'Leary, St. Louis, Mo.
Gen. Manager—Chas. M. Hays, St. Louis, Mo.
Gen. Solicitor—W. H. Blodgett, St. Louis, Mo.
Auditor—D. B. Howard, St. Louis, Mo.
Fgt. Traf. Man.—M. Knight, St. Louis, Mo.
Gen. Fgt. Agt.—S. B. Knight, St. Louis, Mo.
Asst. Gen. Fgt. Agts.—Simner Hopkins, Chicago, Ill.; J. D. Lund, St. Louis, Mo.
Gen. Pass. & Tkt. Agt.—F. Chandler, St. Louis, Mo.
Asst. Gen. Pass. & Tkt. Agt.—C. S. Crane, St. Louis, Mo.
Asst. Gen. Pass. Agt.—F. A. Palmer, Chicago, Ill.
Gen. Supt.—H. L. Magee, St. Louis, Mo.
Supt. Mot. Pow. & M.—J. B. Barnes, Springfield, Ill.
Supt. Car Dept.—M. M. Martin, Decatur, Ill.
Supt. of Teleg.—G. C. Kinsman, Decatur, Ill.
Chief Engineer—W. S. Lincoln, St. Louis, Mo.
G. Claim A. & Asst. Sec.—H. A. Lloyd, St. Louis, Mo.
Pur. A. & Gen. Storek'r—H. H. Wellman, St. Louis, Mo.
Car Serv. Agt.—C. B. Adams, St. Louis, Mo.
Gen. Car Acct.—C. P. Chesebro, St. Louis, Mo.
Chief Surgeon—H. W. Morehouse, Danville, Ill.
Supt. East. Div.—E. A. Gould, Peru, Ind.
Sup. Mid. Div.—J. S. Goodrich, Chicago, Ill.
Supt. West. Div.—F. H. McGuigan, Kansas City, Mo.
Gen. Road Master, W. D.—A. S. Haynes, Moberly, Mo.
Gen. Road Mast. East. Div.—A. B. Adams, Peru, Ind.
Supt. Br. & B., W. D.—Jas. Stannard, Moberly, Mo.
Supt. Br. & Bldg. E. D.—H. Dunlap, Andrews, Ind.
S. Br. & Bldg. M. D.—J. E. Wallace, Springfield, Ill.
Gen. Bag. Agt.—S. H. Overholt, St. Louis, Mo.

848 Wabash, Chester and Western RR.

President—Nathan Cole, St. Louis, Mo.
Vice-Pres., G. M. & Treas.—C. B. Cole, Chester, Ill.
Secretary—H. C. Cole, Chester, Ill.
Supt. & Purch. Agt.—J. R. Hawkins, Chester, Ill.
Aud., G. F. & P. A.—C. E. Kingsbury, Chester, Ill.

849 Wallkill Valley RR.

President—Ashbel Green, New York, N. Y.
Sec. and Treas.—E. V. W. Rossiter, New York, N. Y.
Gen. Manager—J. D. Layng, New York, N. Y.
Gen. Supt.—C. W. Bradley, Weehawken, N. J.
Superintendent—J. P. Bradfield, Kingston, N. Y.
Comptroller—John Carstensen, New York, N. Y.
Aud. of Disb.—F. C. Root, New York, N. Y.
Aud. of Pass. Accts.—J. F. Fairlamb, New York, N. Y.
Aud. of Fgt. Accts.—W. B. Pollock, New York, N. Y.
Gen. Man. Traf. Man.—J. W. Musson, New York, N. Y.
Asst. G. Fgt. Agt.—Lucius Smith, New York, N. Y.
Gen. Pass. Agt.—C. E. Lambert, New York, N. Y.
Gen. Bag. Agt.—G. W. Clymans, Weehawken, N. J.
Chief Eng.—Walter Katte, New York, N. Y.
Supt. Motive Power—W. M. Buchanan, New York, N. Y.
Insp. of Bridges—Thomas Cahill, Kingston, N. Y.

850 Warren and Farnsworth RR.

President—M. Waters, Warren, Pa.
Vice-President—M. B. Dunham, Warren, Pa.
Secretary—J. P. Jefferson, Warren, Pa.
Treas. & G. M.—A. D. Wood, Warren, Pa.
Auditor—C. P. Wilkins, Clarendon, Pa.
Gen. Sol.—Wetmore, Noyes & Hinckley, Warren, Pa.
Master Mech.—W. H. Holland, Clarendon, Pa.
Road Master—W. H. Madigan, Clarendon, Pa.

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851 Washington and Potomac RR.

Treasurer—James Long, Philadelphia, Pa.
Secretary—Robert H. Good, Philadelphia, Pa.
Gen. Manager—W. L. Thompson, Brandywine, Md.
Chief Engineer—Jas. L. Meigs, Boston, Mass.

852 Waterloo and Magog Ry.

President—Ralph Merry, Magog, P. Q.
Secretary—A. H. Moore, Magog, P. Q.
Sup. & Pur. A.—J. B. Putvoye, St. John's, P. Q.
Road Master—C. Courville, S. Stuckley, P. Q.

853 Waynesburg and Washington RR.

President—George B. Roberts, Philadelphia, Pa.
Vice-President—Thos. D. Messler, Pittsburgh, Pa.
Secretary—S. B. Liggett, Pittsburgh, Pa.
Treasurer J. E. Davidson, Pittsburgh, Pa.
Superintendent—C. E. Bower, Waynesburg, Pa.
Auditor—J. W. Renner, Pittsburgh, Pa.
Mast. Mech.—A. M. Kline, Waynesburg, Pa.
Gen. Bag. Agt.—J. D. McKahn, Waynesburg, Pa.

854 Webster City and South-Western RR.

President—A. K. Hamilton, Lehigh, Ia.
Vice-Pres. & G. M.—W. C. Wilson, Lehigh, Ia.

855 Western and Atlantic RR.

President—Joseph E. Brown, Atlanta, Ga.
Sec. and Treas.—C. T. Watson, Atlanta, Ga.
Gen. Manager—R. A. Anderson, Atlanta, Ga.
Asst. Supt.—A. B. Bostick, Atlanta, Ga.
Traffic Manager—Joseph M. Brown, Atlanta, Ga.
Gen. Fgt. Agt.—J. L. Dickey, Atlanta, Ga.
Gen. Pass. Agent—Chas. E. Harman, Atlanta, Ga.
Gen. Counsel—Julius L. Brown, Atlanta, Ga.
Auditor—J. C. Courtney, Atlanta, Ga.
Ticket Auditor—J. R. Courtney, Atlanta, Ga.
Car Accountant—E. C. Spalding, Atlanta, Ga.
Master Mech.—M. L. Collier, Atlanta, Ga.
Mast. Car Bldr.—William Kinyon, Atlanta, Ga.
Train Master—C. Beardsley, Atlanta, Ga.
Road Master—M. H. Dooly, Atlanta, Ga.
Purch. Agent—Geo. A. Webster, Atlanta, Ga.

856 Western Counties Ry.

President—L. E. Baker, Yarmouth, N. S.
Sec. and Treas.—J. W. Bingay, Yarmouth, N. S.
Supt. & Purch. Agt.—J. Brignell, Yarmouth, N. S.
Auditor—Wm. Fraser, Yarmouth, N. S.
Road Master—D. J. Murphy, Yarmouth, N. S.

857 Western Maryland RR.

Pres., G. M. & Chf. Eng.—John M. Hood, Baltimore, Md.
Sec. and Treas.—Geo. H. Baer, Baltimore, Md.
Gen. Fgt. & Pass. Agt.—B. H. Griswold, Baltimore, Md.
Gen. T. A. & Au.—J. D. Whittington, Baltimore, Md.
Mast. of Mach.—David Holtz, Union Bridge, Md.
Eng. & Road Mast.—J. E. Mathews, Baltimore, Md.
Asst. Road Master—W. R. Straw, Union Bridge, Md.
Mast. Car Bldr.—J. H. Nussear, Union Bridge, Md.
Purch. Agent—Robert J. Adair, Baltimore, Md.
Train Master—A. L. Gardner, Baltimore, Md.

(a) *Baltimore and Harrisburg Ry.*

Superintendent—H. D. Scott, Hanover, Pa.
Mast. Mech.—H. S. Reiley, Hanover, Pa.

858 Western New York and Pennsylvania RR.

President—Calvin H. Allen, New York, N. Y.
Vice-President—Saml. G. DeConrsey, New York, N. Y.
Secretary—Jos. R. Trimble, Philadelphia, Pa.
Treasurer—F. S. Buell, Buffalo, N. Y.
Gen. Supt.—Robert Bell, Buffalo, N. Y.
Gen. Pass. & Tkt. Agt.—J. A. Fellows, Buffalo, N. Y.
Gen. Fgt. Agt.—E. T. Johnson, Buffalo, N. Y.
Purch. Agent—J. H. Poole, Buffalo, N. Y.
Auditor—Wm. L. Doyle, Buffalo, N. Y.
Supt. Buf. Div.—Henry Dwyer, Buffalo, N. Y.
Supt. Pittsburgh Div.—E. A. Fisher, Oil City, Pa.
Supt. Roch. Div.—J. W. Watson, Olean, N. Y.
Chief Eng.—R. D. McCreary, Buffalo, N. Y
Mast. Mach.—A. Vail, Buffalo, N. Y.

858 Western New York and Pennsylvania RR.—*Continued.*

Division Engineers—C. R. Neher, Olean, N. Y.; G. Houliston, Buffalo, N. Y.; W. R. Stevenson, Oil City, Pa.
Division Master Mechanics—C. E. Turner, Olean, N. Y.; C. H. Newman, Oil City, Pa.

859 Western Railway of Alabama, and Atlanta and West Point RR.

OFFICERS OF BOTH RAILROADS.

President—C. H. Phinizy, Augusta, Ga.
Gen. Manager—Edmund L. Tyler, Atlanta, Ga.
Sec. & Treas.—H. M. Abbett, Atlanta, Ga.
Gen. F. & P. Agt.—C. H. Cromwell, Montgomery, Ala.
Master Mech.—J. E. Worswick, Montgomery, Ala.
Mas. Car Bldr.—W. Apps, Montgomery, Ala.
Eng. of Const.—W. H. Harrison, Atlanta, Ga.
Road Master—G. W. Harrison, Montgomery, Ala.
Car Accountant—J. T. McDevitt, Montgomery, Ala.
Master of Trains—L. B. McGuire, Montgomery, Ala.

860 Western Railway of Florida.

President—Dexter Hunter, Jacksonville, Fla.
Vice-President—E. R. Chapman, New York, N. Y.
Secretary—D. M. Reynolds, Jacksonville, Fla.
Treasurer—W. J. Wilson, Green Cove Springs, Fla
Gen. Manager—O. A. Buddington, Green Cove Sp., Fla.
Gen. Supt. & G. P. & F. A. } L. E. Barker, Green Cove Sp., Fla.
Chief Eng.—Gould T. Butler, Green Cove Springs, Fla.
Auditor—J. C. Oakes, Green Cove Springs, Fla.
Mast. of Mach.—J. M. Green, Green Cove Springs, Fla.
Road Master—G. A. M. Rains, Green Cove Springs, Fla.

861 West Jersey RR.

GENERAL OFFICERS.

President—Geo. B. Roberts, Philadelphia, Pa.
Vice-President—William J. Sewall, Camden, N. J.

TREASURY DEPARTMENT.

Treas. & Sec.—William Taylor, Philadelphia, Pa.

TRANSPORTATION DEPARTMENT.

Gen. Manager—Chas. E. Pugh, Philadelphia, Pa.
Chief Engineer—Wm. H. Brown, Philadelphia, Pa.
Asst. Chief Eng.—Jos. T. Richards, Philadelphia, Pa.
Gen. Supt. Mot. Pow.—Theo. N. Ely, Altoona, Pa.
Gen. Supt. Trans.—S. M. Prevost, Philadelphia, Pa.
Supt. Mot. Pow.—H. S. Hayward, Jersey City, N. J.
Superintendent—A. O. Dayton, Camden, N. J.
Master Carp.—C. C. Williams, Camden, N. J.
Master Mech.—Rufus Hill, Camden, N. J.
Road For. Eng.—W. Ricard, Camden, N. J.
Gen. Exp. Agt.—R. Stretch, Philadelphia, Pa.

FREIGHT DEPARTMENT.

Gen. Fgt. Agt.—Wm. H. Joyce, Philadelphia, Pa.
Asst. Gen. Fgt. Agt.—John Whittaker, Philadel'a, Pa.
Claim Agent—F. D. Howell, Philadelphia, Pa.
Div. Fgt. Agt.—E. W. Coffin, Camden, N. J.

PASSENGER DEPARTMENT.

Gen. Pass. Agt.—James R. Wood, Philadelphia, Pa.
Asst. G. P. Agt.—Geo. W. Boyd, Philadelphia, Pa.
Div. Tkt. Agt.—J. S. Hackett, Philadelphia, Pa.
Gen. Bag. Agt.—F. J. McWade, Philadelphia, Pa.
Purch. Agt.—Enoch Lewis, Philadelphia, Pa.
Asst. P. A.—Thos. P. Sargent, Philadelphia, Pa.
Asst. P. A.—A. W. Sumner, Philadelphia, Pa.

ACCOUNTING DEPARTMENT.

Comptroller—Robert W. Downing, Philadelphia, Pa.
Asst. Compt.—M. Riebenack, Philadelphia, Pa.
Aud. Fgt. Rec.—Geo. M. Taylor, Philadelphia, Pa.
Chief Acct.—Kennard H. Dungan, Philadelphia, Pa.
Asst. A. F. R.—Jefferson Justice, Philadelphia, Pa.
Aud. Pas. Rec.—M. Riebenack, Philadelphia, Pa.
As. Aud. Pas. R.—A. J. Gillingham, Philadelphia, Pa.
Aud. of Disbrs.—Thos. R. Davis, Philadelphia, Pa.
Asst. Aud. Dis.—J. D. Greene, Philadelphia, Pa.
Gen. Solicitor—John Scott, Philadelphia, Pa.
Asst. Gen. Sol.—James A. Logan, Philadelphia, Pa.

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862 Weston and Buckhannon RR.

Pres., G.M. & P. A.—A. H. Kunst, Weston, W. Va.
Vice-President—Isaac Jackson, Jane Lew, W. Va.
Sec. & Treas.—M. W. Harrison, Weston, W. Va.
G. Ft. & Tk. A.—E. M. Vanderoort, Weston, W. Va.
Supt. of Road—M. Cleary, Weston, W. Va.
Supt. of Br. & Bldg.—T. M. Connell, Weston, W. Va.

863 West Virginia Central and Pittsburgh RR.

President—H. G. Davis, Piedmont, West Va.
Vice-President—S. B. Elkins, New York, N. Y.
Asst. to President—Emmons Blaine, Baltimore, Md.
Man. Director—T. B. Davis, Piedmont, West Va.
Sec. & Treas.—E. W. S. Moore, Baltimore, Md.
Gen. Manager—C. L. Bretz, Cumberland, Md.
Gen. Traf. Agt.—G. W. Harrison, Piedmont, West Va.
Cash. & Purch. Agt.—H. Hebb, Cumberland, Md.
Chief Engineer—James Parsons, Davis, West Va.
Auditor—J. G. Miller, Cumberland, Md.
Master Mech.—E. W. Lippincott, Piedmont, West Va.
Supt. Construction—Wm. E. Porter, Elkins, West Va.
Eng. Main. of Way—J. W. Galbreath, Cumberl'd, Md.

864 Wheeling and Elm Grove RR.

President—J. D. Dubois, Wheeling, W. Va.
Sec. & Treas.—E. J. Rutter, Wheeling, W. Va.
Supt. & Purch. Agt.—C. Hirsch, Wheeling, W. Va.
Master Mech.—H. Bowers, Fulton, W. Va.

865 Wheeling and Lake Erie Ry.

Pres. & Gen. Man.—M. D. Woodford, New York, N. Y.
Vice-President—John Greenough, New York, N. Y.
Sec. & Treas.—J. M. Ham, New York, N.Y.
Asst. Gen. Man. & Purch. Agt. } W. R. Woodford, Toledo, O.
Auditor—S. H. Ayers, Toledo, O.
Gen. Pass. Agt.—J. M. Hall, Toledo, O.
Traffic Manager—A. G. Blair, Toledo, O.
Chief Engineer—C. A. Wilson, Toledo, O.
Cash. & Paymr.—A. H. Thorp, Toledo, O.
Master of Transp.—N. A. Somers, Norwalk, O.
Gen. Master Mech.—O. P. Dunbar, Norwalk, O.
Asst. Mast. Mech.—John Hillhouse, Norwalk, O.
Road Master—D. McEntaffer, Norwalk, O.
Gen. Car Agent.—E. L. Gates, Toledo, O.
Supt. of Br. & Bdgs.—Jas. Demars, Norwalk, O.

866 White and Black River Valley Ry.

President—R. W. Martin, Little Rock, Ark.
Gen. Man., Sec., Tr. & Pur. & Tr. Agt. } W. J. Thompson, Little Rock, Ark.
Gen. Supt. & Fgt. & Tkt. Agt. & Aud. } J. T. Flynn, Newport, Ark.
Gen. Pass. Agt.—E. G. Thompson, Augusta, Ark.
Master Mach.—Thomas Eldridge, Brinkley, Ark.
Master Car Repairs—L. F. Hill, Brinkley, Ark.
Road Master & Supt. Bridges, } Thomas W. Miller, Riverside, Ark.

867 Whitefield and Jefferson RR.

President—Nathan R. Perkins, Jefferson, N. H.
Secretary—Harry M. Cavis, Concord, N. H.
Treas. & Transfer Agt.—Ed. D. Harlow, Boston, Mass.
Gen. Traffic Man.—H. E. Chamberlin, Concord, N. H.
Supt. Train Service—E. F. Mann, Concord, N. H.
Gen. Fgt. Agt.—Samuel Barrett, Concord, N. H.
Gen. Tkt. Agt.—F. E. Brown, Concord, N. H.
Supply Agent—W. H. Alexander, Concord, N. H.
Auditors { Samuel S. Kimball, Concord, N. H. / Chas. E. Morrison, Boston, Mass. / Walter M. Parker, Manchester, N. H.
Supt. Mot. Pow. & R. S.—J. T. Gordon, Concord, N. H.
Supt. Const. & Main. of Way } W. A. Stowell, Concord, N. H.

868 Wichita and Western Ry.

President—E. W. Kinsley, New York, N. Y.
Sec., Treas. & Aud.—J. F. H. McKibben, Wichita, Kan.
Asst. Treas.—G. L. Goodwin, Boston, Mass.
Supt. & Chief Eng.—D. H. Rhodes, Wichita, Kan.
Com. & Gen. Aud.—J. P. Whitehead, Boston, Mass.
Trans. Agent—A. F. Luke, Boston, Mass.
Mast. Mechanic—E. I. Bannim, Wichita, Kan.
Road Master—L. U. McKenzie, Kingman, Kan.

869 Wiggins Ferry Co.

President—John Scullin, St. Louis, Mo.
Vice-President—A. C. Church, St. Louis, Mo.
Sec. & Treas.—H. L. Clark, St. Louis, Mo.
Manager—H. W. Gays, St. Louis, Mo.
Gen. Agent—R. L. Bothnar, St. Louis, Mo.
Gen. Fgt. Agt.—W. S. Hodges, St. Louis, Mo.

870 Wilkesbarre and Western RR.

President—Joseph M. Gazzam, Philadelphia, Pa.
Sec. & Treas.—R. C. Belville, Philadelphia, Pa.
Gen. Man., Supt. & Pur. Agt. } S. H. Hicks, Philadelphia, Pa.
Asst. Engineer—H. E. Richter, Watsontown, Pa.

871 Williamsport and Binghamton RR.

(*Projected Line:* Williamsport to Binghamton, N. Y., 110 miles; under construction.)
President—Francis M. Ward, Newton, N. J.
Vice-President—Edgar Munson, Williamsport, Pa.
Secretary—C. F. Camp, Williamsport, Pa.
Treasurer—E. J. Sterling, New York, N. Y.
Gen. Solicitors—Candor & Munson, Williamsport, Pa.
Chief Engineer—P. E. Alden, Monroeton, Pa.

872 Williamsport and North Branch RR.

President—Geo. L. Sanderson, Hughesville, Pa.
Treasurer—James S. Lawson, Hughesville, Pa.
Secretary—Elias Deemer, Hughesville, Pa.
Gen. Manager—Benj. G. Welch, Hughesville, Pa.
Auditor & Acctnt.—S. D. Townsend, Hughesville, Pa.
Chief Engineer—W. A. Mason, Hughesville, Pa.
Mast. Mechanic—G. Woodley, Hughesville, Pa.
Road Master—Aleck Bubb, Hughesville, Pa.

873 Wilmington and Northern RR.

President—H. A. Dupont, Wilmington, Del.
Secretary—E. B. Shurter, Wilmington, Del.
Treas., Supt. & Purch. Agt. } A. G. McCausland, Wilmington, Del.
Gen. Pass. & Fgt. Agt.—B. Briggs, Wilmington, Del.
Gen. Western Agent—E. S. Rice, Chicago, Ill.
Chief Engineer—F. L. Hills, Wilmington, Del.
Asst. Engineer—C. C. Elwell, Wilmington, Del.
Mast. Mech.—George Rommel, Wilmington, Del.
Auditor—T. B. Townsend, Wilmington, Del.
Transfer Agents { E. B. Shurter, Wilmington, Del. / W. K. Harris, Coatesville, Pa.
Road Masters { G. W. Lufkin, Coatesville, Pa. / J. Boyer, Birdsboro, Pa.

874 Wilmington and Sea Coast RR.

President—E. S. Latimer, Wilmington, N. C.
Vice-President—W. H. Chadbourn, Wilmington, N. C.
Sec., Treas., & G. Man.—J. R. Nolan, Wilmington, N. C.
Gen. Fgt. & Pass. Agt.—G. H. Smith, Wilmington, N. C.

875 Wilmington, Chadbourn and Conway Ry.

President—W. H. Chadbourn, Chadbourn, N. C.
Sec., Tr. & Sup.—J. H. Chadbourn, Jr., Chadbourn, N.C.
Gen. Auditor—J. B. Chadbourn, Chadbourn, N. C.

876 Windsor and Annapolis Ry.

President—F. Tothill, London, Eng.
Secretary—W. R. Campbell, London, Eng.
Gen. Manager—J. W. King, Kentville, N. S.
Asst. Manager—J. W. King, Kentville, N. S.
Chief Engineer—K. Sutherland, Kentville, N. S.
Gen. Fgt. Agent—John Carroll, Kentville, N. S.
Gen. Pass. Agent—P. Gifkins, Kentville, N. S.
Mast. Mach.—W. Yould, Kentville, N. S.
Master Car Builder—W. Grierson, Kentville, N. S.

877 Winifrede RR.

President—Theodore Wright, Philadelphia, Pa.
Sec. & Treas.—D. W. Chandler, Philadelphia, Pa.
Auditor—H. H. Sailor, Philadelphia, Pa.
Purch. Agent—James Faulkner, Winifrede, W. Va.
Gen. Superintendent—R. B. Cassady, Winifrede, W. Va.
Gen. Fgt. Agt.—C. H. Jones, Cincinnati, O.
Traffic Manager—Walter Peterson, Chicago, Ill.
Supt. Transportation—S. P. Hostler, Cincinnati, O.

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878 Winona and Southwestern Ry.

President—H. W. Lamberton, Winona, Minn.
Vice-President—V. Simpson, Winona, Minn.
Secretary—Thos. Simpson, Winona, Minn.
Treasurer—M. G. Norton, Winona, Minn.
Chief Eng. & Supt.—D. M. Wheeler, Winona, Minn.
Gen. Fgt. Agt.—F. G. Hornbrook, Winona, Minn.

879 Wisconsin Central Line.

President & Treas.—E. H. Abbot, Boston, Mass.
Vice-Pres. & Asst. Treas. } Fred. Abbot, Milwaukee, Wis.
Sec. & Gen. Solicitor—Howard Morris, Milwaukee, Wis.
Asst. Sec. & Asst. Treas. } Henry F. Spencer, Boston, Mass.
Auditor—J. F. Hyman, Milwaukee, Wis.

(Now leased to the Northern Pacific RR. Co.)

880 Wisconsin, Pittsville and Superior Ry.

Pres., Gen. Man. & Treas.—Geo. Hiles, Milwaukee, Wis.
Vice-President—W. G. Collins, Minneapolis, Minn.
Sec. & Gen. Traf. Man.—C. O. Baker, Dexterville, Wis.
Gen. Superintendent—James Hiles, Dexterville, Wis.
General Agent—I. H. Germond, Dexterville, Wis.
Master Mach.—Geo. M. Dillon, Dexterville, Wis.
Gen. Solicitor—John W. Cary, Milwaukee, Wis.

881 Wood River Branch RR.

President—Amos G. Nichols, Hope Valley, R. I.
Treas., S. & A.—George H. Olney, Hope Valley, R. I.
Gen. Supt. & Purch. Agt. } L. M. Barber, Hope Valley, R. I.
Road Master—Henry A. Clark, Hope Valley, R. I.

882 Woodstock RR.

President—F. Billings, Woodstock, Vt.
Vice-President—F. N. Billings, Woodstock, Vt.
Secretary & Gen. Man.—C. P. Marsh, Woodstock, Vt.
Treas. & Gen. Supt.—J. G. Porter, Woodstock, Vt.
Gen. Fgt. & Tkt. Agt.—Edward Clapp, Woodstock, Vt.
Gen. Manager—S. S. Thompson, Lyndonville, Vt.

882 Woodstock RR.—*Continued.*

Auditors.—Lewis Pratt, F. N. Billings, J. S. Montague, Woodstock, Vt.

883 Worcester and Shrewsbury RR.

Pres. & Treas.—H. H. Bigelow, Worcester, Mass.
Sec. & Gen. Supt.—Irving E. Bigelow, Worcester, Mass.
Gen. T. & P. A.—L. Bigelow, Worcester, Mass.
Chief Engineer—C. A. Cleveland, Worcester, Mass.
Road Master—John L. Sullivan, Worcester, Mass.

884 Youghiogeny RR.

President—F. A. Dingee, Philadelphia, Pa.
Vice-President—H. A. Stiles, Philadelphia, Pa.
Sec. & Treas.—A. K. Gregory, Philadelphia, Pa.
Supt. & Eng.—John F. Wolf, Irwin's, Pa.
Asst. Supt. & Pur. A.—Albert Ford, Irwin's, Pa.
Chief Engineer—T. F. Wolf, Irwin's, Pa.
G. P. & F. Agt.—James Fleming, Irwin's, Pa.
Master Mech.—Jno. Bricker, Irwin's, Pa.
R. M., Insp. & F.—B. Linden, Irwin's, Pa.

885 Zanesville and Ohio River Ry.

President—C. M. Wicker, Zanesville, O.
Sec., Treas. & Pur. Agt.—J. Hope Sutor, Zanesville, O.
Superintendent—G. F. Gardner, Zanesville, O.
Chief Engineer—H. B. Dick, Zanesville, O.
Gen. Fgt. & Tkt. Agt.—C. C. Harrison, Zanesville, O.
Road Master—John Ward, Zanesville, O.
Transfer Agent—Mercantile Trust Co., New York, N. Y.
Auditor—F. E. Smith, Zanesville, O.

886 Zealand Valley RR.

President—J. E. Henry, Zealand, N. H.
Vice-President—John Locke, Zealand, N. H.
Gen. Man. & Supt.—G. E. Henry, Zealand, N. H.
T. & P. Agent—J. H. Henry, Zealand, N. H.
Freight Agent—Wm. Bell, Zealand, N. H.
Secretary—D. C. Remich, Littleton, N. H.
Chief Engineer—Wm. McCosh, Zealand, N. H.
Master Car Repairs—Levi Dumas, Zealand, N. H.
Road Master—D. Green, Zealand, N. H.

Changes of Officers noted since the foregoing went to press.

Des Moines and Northern Ry.—

President—Grenville M. Dodge, New York, N. Y.
1st Vice-President—A. B. Cummins, Des Moines, Ia.
2d Vice-President—L. W. Reynolds, Des Moines, Ia.
Treasurer—R. L. Chase, Des Moines, Ia.
Secretary—J. T. Granger, New York, N. Y.
Assistant Secretary, Gen. Man. & G. F. A. } L. M. Martin, Des Moines, Ia.
Master Mechanic—E. P. Sheerer, Des Moines, Ia.
Road Master—J. H. Sullivan, Des Moines, Ia.
Auditor—A. W. Austin, Des Moines, Ia.

Mexican National.—Mr. A. Anderson, Jr., New York, N. Y., is *Secretary* of this company, and the Farmers' Loan and Trust Co., Transfer Agents for certificates representing stock.

Natchitoches.—P. E. Bossier is *Master Mechanic and Engineer* of this road.

National City and Otay.—The correct title of this company is the National City and Otay *Railway* Co.

New Orleans and Northwestern Ry.—

(*Under Construction:* Completed from Vidalia, La., to Sicily Island, La., 28 miles; graded from Vidalia, La., to Rayville, La., 75 miles, and from Quarantine, on the Mississippi River, into the city of Natchez, Miss., 2.50 miles. Incline built and contract made for railroad transfer. Extension to Hamburg, Ark. in progress. Entire line expected to be in operation August 1, 1890. Being constructed by the Natchez Construction Co.)

GENERAL OFFICERS, BOTH COMPANIES.

Pres. N. O. & N. W. Ry.—J. H. Rice, Fort Scott, Kan.
Pres. N. Cons. Co.—C. H. Hammett, Kansas City, Mo.
1st V.-P. N. O. & N. W. Ry. } W. Chenault, Fort Scott, Kan.
2d V.-P. N. O. & N. W. Ry. } B. F. Hammett, St. Louis, Mo.

New Orleans & Northwestern Ry.—*Continued*

V.-P. N. Cons. Co.—J. P. Chevault, Fort Scott, Kan.
2d V.-P. N. Cons. Co.—L. K. Hyde, New York, N. Y.
Sec. & Treas. N. Cons. Co. } L. E. Davison, Kansas City, Mo.

OFFICIALS OF THE LINE.

Gen. Man.—W. C. Gunn, Fort Scott, Kan.
Chief Engineer—W. D. Jenkins, Natchez, Miss.
Prin. Asst. Eng. & Pur. Agt. } C. G. Vaughn, Natchez, Miss.
Div. Eng.—F. H. Peters, Rayville, La.
Div. Eng.—C. H. Sargent, Natchez, Miss.
Locating Eng.—L. A. Dade, Florida.

Norfolk and Western.—A. C. Hippey, Roanoke, Va., is *Assistant General Manager* of this road. In list of officials on page 1341, omit E. F. Mitchell from "Division Engineers," and add J. A. Wilson, F. C. R., Roanoke, Va., to "Master Mechanics, etc." The correct address of J. B. Fuller is Roanoke, Va. Corrected list of *Superviseors:* W. J. Sowers, Crewe, Va.; W. H. Stanley, Lynchburg, Va.; J. Y. Terry, Roanoke, Va.; Thomas Fennell, Radford, Va.; W. G. O'Brien, Bluefield, W. Va.; Frank Rhea, Radford, Va., and B. F. Stanley, Wytheville, Va.

Reynoldsville and Falls Creek RR.—The correct address of S. B. Elliott, *President and General Manager*, is Reynoldsville, Pa.

Rome (Ga.).—W. F. Ayer is *Superintendent, General Freight and Passenger Agent* of this road.

St. Augustine and Palatka.—Officers same as those of St. Johns Ry.

St. Johns.—Corrected list of officers: C. C. Deming, *Secretary and Treasurer*, 10 Wall St., New York, N. Y.; W. L. Crawford, *General Superintendent*, St. Augustine, Fla.; *General Freight Agent*, W. J. Jarvis, St. Augustine, Fla.

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ESTABLISHED 1818.

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THOMASTON, CONN.

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20 Murray Street, New York;
151 State Street, Chicago;
126 Sutter Street, San Francisco;
7 Cripplegate Buildings, Wood St., London, E. C., England.

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St. Joseph and Grand Island.—Corrected list of *Officers: Vice-President*, W. H. Holcomb, New York, N. Y.; *2d Vice-President*, G. M. Lane, Boston, Mass.; *General Manager*, Edwin McNeill, St. Joseph, Mo.; *General Freight Agent*, W. P. Robinson, Jr., St. Joseph, Mo.; *General Passenger Agent*, F. L. Lynde, St. Joseph, Mo.; *Auditor*, Erastus Young, Omaha, Neb.; *Chief Engineer*, V. G. Bogue, Omaha, Neb.; *Master Mechanic*, A. J. Broughel, St. Joseph, Mo.; *Superintendent Car Service*, E. Buckingham, Omaha, Neb.; *Supt. of Bridges and Buildings*, O. H. Andrews, Elwood, Kan.

St. Joseph, St. Louis and Santa Fé Ry.—In list of officers on page 1357, J. W. Reinhart, Boston, Mass., succeeds W. Judson as *1st Vice-President*, and L. C. Deming, Boston, Mass., succeeds C. S. Tuckerman as *Assistant Secretary*. The offices of Third and Fourth Vice-President have been abolished.

ALABAMA GREAT SOUTHERN RAILWAY.—Gross receipts for year ending December 31, 1889, were $1,026,825; operating expenses and taxes, $642,250—net earnings (37.45 per cent.), $384,575, or £79,109. In addition to the net earnings (£79,100), a dividend amounting to £8,200 was received on the $1,000,000 stock of the Cincinnati Southern Ry. Co. From the amount remaining after payment of fixed charges the company paid a dividend of 12s. per share on the 6 per cent "A" preference stock, as follows: On 1,150 shares for arrears from December 1, 1886, to November 30, 1887 = 12s. per share, £690 0s. 0d.; on 66,457 shares for arrears from January 1, 1889, to June 30, 1889 (6s. per share), and 6s. per share on account of the year ending June 30, 1890 = 12s. per share, £39,874 4s. 0d.—total, £40,564 4s. 0d. Less income tax at 6d., £1,014 2s. 0d.—net, £39,550 2s. 0d.

ATLANTA AND FLORIDA RAILROAD.—*Line of Road:* Atlanta, Ga., to Fort Valley, Ga., 105 miles. Authority has been granted for an extension of the road from Fort Valley to Cordele, 43 miles. Actual amount of bonds outstanding, $840,000, being at the rate of $8,000 per mile of road. Cecil Gabbett has resigned the office of Vice-President and General Manager.

CHICAGO, KALAMAZOO AND SAGINAW RAILROAD.—*Line of Road:* Kalamazoo, Mich., to Woodbury, Mich., 44.20 miles. Sidings, 3.50 miles. Gauge, 4 ft. 8½ in. Rail (steel), 56 lbs. *History.*—Chartered December 10, 1887; road opened to Hastings January 1, 1888, and to Woodbury September 1, 1889. *Rolling Stock*, December 31, 1889.—Locomotive engines, 3. Cars—passenger, 2; platform, 10; caboose, 1; other, 15—total cars, 28. *Operations* for year ending December 31, 1889 (35.66 miles).—Train mileage and traffic statistics not reported. Earnings—passenger, $16,461.70; freight, $15,434.80; mail, $1,448.97; express, $571.22; other, $413.88—total, $34,330.63. Expenses—transportation, $11,696.06; motive power and cars, $2,086.53; general, $3,366.40—total, $17,148.99. Net earnings, $17,181.64. *Financial Statement.*—Not furnished. Annual meeting, second Tuesday in September, at Kalamazoo, Mich. *Directors* (elected September 10, 1889).—Thomas S. Cobb, Wm. S. Dewing, Leroy Cahill, Frederich Busch, Kalamazoo, Mich.; Amasa B. Watson, Andrew J. Bowne, Grand Rapids, Mich.; Chas. S. Burton, Hastings, Mich. THOMAS S. COBB, *President*, Kalamazoo, Mich. Andrew J. Bowne, *Vice-President*, Grand Rapids, Mich.; H. C. Potter, *Secretary and Treasurer*, Kalamazoo, Mich.; Fred. Busch, *General Manager*, Kalamazoo, Mich. PRINCIPAL OFFICE AND ADDRESS, Kalamazoo, Mich.

CLEVELAND, CINCINNATI, CHICAGO AND ST. LOUIS RY.—Statement of equipment owned by this company and auxiliary lines as of June 30, 1890:

LOCOMOTIVES.

	Passenger.	Freight.	Switching.	Total.
C., C. C. & St. L.	83	197	67	347
C. & S.	10	4	2	16
P. & E.	24	41	6	71
D. & U.	2	2	..	4
Total	119	244	75	438

PASSENGER CARS.

	1st Class.	2nd Class.	Baggage.	Mail.	Total.
C., C. C. & St. L.	126	89	52	25	292
C. & S.	14	..	6	2	22
P. & E.	21	19	10	7	57
D. & U.	2	3	1	..	6
Total	163	111	69	34	377

FREIGHT CARS.

	Box.	Stock.	Coal & Flat.	Cab.	Rfgr.	Spi.	Total.
C., C. C. & St. L.	10,700	1,151	3,570	146	200	69	15,836
C. & S.	95	75	63	12	...	1	246
P. & E.	1,109	270	481	26	...	13	1,899
D. & U.	55	....	1	1	...	..	57
Total	11,959	1,496	4,115	185	200	83	18,038

DARDANELLE AND RUSSELLVILLE RR.—Of the first mortgage bonds issued $4,000 has been paid, leaving $11,000 outstanding.

GALVESTON AND WESTERN.—*Revised Mileage:* Galveston, Tex., to Lafitt, Tex., 13.10 miles, and 4.10 miles city lines—total, 17.20 miles. Geo. Seeligson succeeds J. C. League in the board of directors and Julius Runge succeeds J. C. League as *President*.

GEORGIA, SOUTHERN AND FLORIDA RAILROAD.—In June, 1890, an additional $420,000 of 1st mortgage bonds were listed on the New York Stock Exchange. The original trustees of this issue of bonds were Henry Hill and Isidor Straus, but subsequently the Mercantile Trust and Deposit Co. of Baltimore, Md., was made trustee. *Earnings* for year ending March 31, 1890.—Passenger, $123,335.33; freight, $315,978.21; miscellaneous, $49,094.97—total, $488,408.51. The gross earnings for three months ending March 31, 1890, were $152,995.83; operating expenses, $95,483.79; net earnings, $57,512.04.

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HARRISBURG AND POTOMAC RAILROAD.—On July 2, 1890, this road was sold under foreclosure, the company failing to pay the interest on the bonds for several years. It was bought in by the Philadelphia and Reading RR. Co., which owned a majority of the stock and bonds. It is proposed to extend the line to Harrisburg, so as to operate it in connection with the Harrisburg Terminal RR.

KANONA AND PRATTSBURGH RAILROAD COMPANY.—*Line of Road:* Kanona, N. Y., to Prattsburgh, N. Y., 12 miles; sidings, 0.75 mile. Gauge, 4 ft. 8½ in.; rail (steel), 56 lbs. *History.*—Chartered in 1888; road opened as above October 12, 1889. It is proposed to extend the road 30 miles beyond Prattsburgh to Stanley (where connection will be made with the Northern Central RR.) and Geneva, where it will connect with the New York Central and Hudson River RR. The company has a freight traffic arrangement with the New York, Lake Erie and Western RR. Co., under which that company furnishes cars for through business. *Rolling Stock*, April 15, 1890.—Locomotive, 1. Cars—passenger, 1; freight, 6; flat, 6—total cars, 13. *Operations* from October 12, 1889, to April 30, 1890.—Gross earnings, $6,819.92. "Much of the construction work had necessarily to be finished during the operating of the road, consequently it is impossible to give any correct and reliable information as to the exact operating expenses up to date." *Financial Statement*, April 15, 1890.—Capital stock (par value, $100), $120,000; funded debt, $192,000 1st mortgage 5 per cent. 50-year gold bonds, due January 1, 1938, interest payable January and July at office of trustee, Farmers' Loan and Trust Co., New York, N. Y. *Directors:* Martin Pinney, A. K. Smith, J. K. Smith, Prattsburgh, N. Y.; J. Hegeman Foster, Charles T. Kimball, Charles O. Thompson, A. E. Godeffroy, New York City. *Officers:* A. E. Godeffroy, *President and General Manager*, 45 Broadway, N. Y.; J. K. Smith, *Secretary*, Prattsburgh, N. Y.; A. K. Smith, *Treasurer*, Prattsburgh, N. Y.; J. G. Baker, *Superintendent*, Prattsburgh, N. Y. PRINCIPAL OFFICE AND ADDRESS, Prattsburgh, N. Y.

NEW YORK, ONTARIO AND WESTERN RAILWAY.—In June, 1890, $1,000,000 additional consolidated first mortgage 5 per cent. gold bonds were listed on the New York Stock Exchange, making the total amount listed, $4,500,000.

NORFOLK AND WESTERN RAILROAD.—On July 14, 1890, an additional $3,000,000 of preferred stock were listed on the New York Stock Exchange. This amount of stock was issued for the purpose of acquiring the Scioto Valley and New England RR., with which road this company's line will connect upon the completion of the Ohio extension.

OREGON RAILWAY AND NAVIGATION CO.—In June, 1890, $816,000 additional collateral trust 5 per cent. gold bonds, and $549,000 additional consolidated mortgage 5 per cent. gold bonds were listed on the New York Stock Exchange. The latter bonds were issued for the acquirement of new rolling stock.

OREGON SHORT LINE AND UTAH NORTHERN RAILWAY.—On June 25, 1890, $5,000,000 of collateral trust bonds of this company were listed on the New York Stock Exchange. The bonds are coupon, with privilege of registration, are of the denominations of $500 and $1,000, dated September 2, 1889, mature after 30 years, and bear interest at the rate of 5 per cent. per annum, payable semi-annually on the first days of March and September, in New York and Boston. Trustee, The American Loan and Trust Co., Boston, Mass. The bonds are secured by a deposit of an equal amount of stock of the Oregon Ry. and Navigation Co., upon which this company guarantees 6 per cent. per annum. Of the 6 per cent. guarantee, 5 per cent. is to be used for the payment of interest on the above bonds, and the remaining 1 per cent. is to be applied to a sinking fund (1) for the purchase of Oregon Ry. and Nav. Co.'s stock at not over 110; (2) if the stock cannot be procured at that price, the collateral trust bonds are to be bought at not over 105 and accrued interest; (3) if neither the stock or bonds can be purchased at the prices named, the amount in the sinking fund is to be applied to the purchase of other securities. When the amount in the sinking fund shall have reached 5 per cent. of the bonds outstanding, the annual payment to the sinking fund shall be applied to the purchase of collateral trust bonds at not over 105 and accrued interest, and as such bonds are cancelled, the sinking fund is to be reduced by the cancellation of the securities held therein, so that it shall not, at any time, amount to more than 5 per cent. of the bonds outstanding.

RARITAN RIVER RAILROAD.—(Revised statement of mileage.) South Amboy, N. J., to New Brunswick, N. J., 12 miles; Edgar Pit Branch, 0.5 mile; Such's Pit Branch, 0.5 mile—total length of line, 13 miles. Wm. G. Bumsted, *Treasurer*.

REDONDO RAILWAY.—*Line of Road:* Los Angeles, Cal., to Redondo, 16.80 miles. Gauge, 3 ft. Rail (steel), 25 lbs. Chartered April 1, 1889, and succeeded, by purchase, the Rosecrans Rapid Transit Ry. Co. *Rolling Stock*, December 31, 1889.—Locomotive engines, 2. Cars—passenger, 14; baggage, etc., 2; freight (box, 10; flat, 23), 33—total cars, 49. *Financial Statement*, December 31, 1889.—Capital stock (authorized, $500,000; par, $100), $161,000; other liabilities, $28,544.19—total, $190,544.19. *Contra:* Cost of road and equipment to date, $182,940.53. Annual meeting held second Monday in January. *Directors:* Geo. J. Ainsworth, R. G. Brewer, Redondo, Cal.; D. McFarland, S. T. Garnsey, W. H. Boulall, Los Angeles, Cal. *Officers:* GEO. J. AINSWORTH, *President;* R. G. Brewer, *Secretary and Treasurer*. GENERAL OFFICE, Redondo Beach, Cal.

SOUTHWESTERN ARKANSAS AND INDIAN TERRITORY.—*Revised list of directors:* M. A. Young, J. H. Crawford, M. A. Smith, Smithton, Ark.; W. P. Ross, Okolona, Ark.; C. E. Neely, Arkadelphia, Pa. J. H. Crawford succeeds S. C. Martin as *President and Treasurer*, and C. G. Brooks has been appointed *General Manager*.

TOLEDO, ANN ARBOR AND NORTH MICHIGAN RAILWAY.—Of the $10,000,000 new consolidated mortgage 5 per cent. bonds, $5,040,000 are held to retire the outstanding divisional mortgages as they become due, or are acquired, from time to time, by the company. There have also been paid for (out of the proceeds of these bonds) 54 miles of road built, and 80 miles of road which have been bought and which are tributary to this company's main line. It is also intended to construct an additional 28 miles of road. The company was authorized to sell $200,000 of bonds, the proceeds of which will be used for the purpose of building a dock and for steamers to ply on Lake Michigan. The remainder of the issue, $1,800,000 are to be held in the treasury and can be issued only for new mileage constructed, at the rate of $18,000 per mile.

TOLEDO, SAGINAW AND MACKINAW RAILROAD.—Durand, Mich., to West Bay City, Mich., 62 miles. Sidings, 14 miles. Gauge, 4 ft. 8½ in. Rail (steel) 56 lbs. *History.*—Chartered June 29, 1887; road opened January 11, 1890. Name recently changed to *Cincinnati, Saginaw and Mackinaw RR. Co. Financial Statement*, December 31, 1889.—Capital stock (par, $100), $1,071,922.30; due on account of construction, real estate, etc., $836,866.23—total, $1,908,788.53. *Contra:* Cost of road, $1,900,000; cash on hand, $8,788.53—total, $1,908,788.53. Annual meeting held December 31, at East Saginaw, Mich. *Directors:* A. W. Wright, Alma, Mich.; P. H. Ketcham, Wm. C. McClure, W. R. Burt, East Saginaw, Mich.; C. W. Wells, F. C. Stone, Saginaw, Mich. *Officers:* A. W. WRIGHT, *President;* Wm. C. McClure, *Secretary;* Wm. R. Burt, *Treasurer*. PRINCIPAL OFFICE AND ADDRESS, East Saginaw, Mich.

WARREN.—The 2d mortgage (now 1st) bonds of this company mature October 15, 1900, and not April 1, 1900, as stated on page 612.

WESTERN RALWAY OF FLORIDA.—*Revised Mileage—Line of Road:* Sharon, Fla., to Melrose, 23 miles; steel rail, 33 miles. *Rolling Stock.*—Locomotive engines, 4. Cars—passenger, 3; flat, 55; box, 10; other, 1; pole, 3—total cars, 72.

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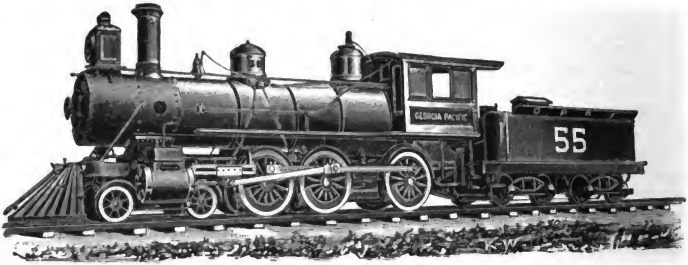

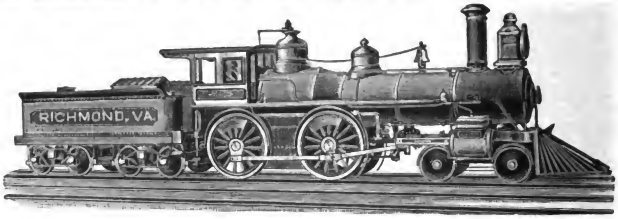

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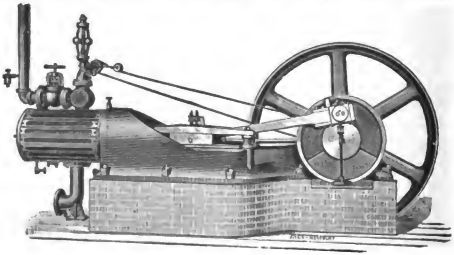

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GENERAL MANAGERS AND GENERAL SUPERINTENDENTS.

Special List of General Managers and General Superintendents of all Railroads given in List of Officials, Preceding.

Abbotsford and Northeastern RR.,
F. Riethrock, G. M., Milwaukee, Wis.
Linton Williams, Supt., Athens, Wis.
Addison and Pennsylvania RR.,
F. M. Baker, G. S., Addison, N. Y.
Addyston and Ohio River RR.,
W. L. Davis, G. M., Cincinnati, O.
Adirondack RR.,
C. D. Hammond, Supt., Albany, N. Y.
Alabama Midland RR.,
Bradford Dunham, G. S., Montgomery, Ala.
Alameda County Terminal Ry.,
A. C. Rumble, G. S., Oakland, Cal.
Albemarle and Pantego RR.,
George W. Roper, Supt., Edenton, N. C.
Alexandria and Fredericksburg RR.,
Chas. E. Pugh, G. M., Philadelphia, Pa.
H. F. Kenney, G. S., Philadelphia, Pa.
Allegheny and Kinzua RR.,
C. D. Williams, G. S., Bradford, Pa.
Allegheny Valley RR.,
David McCargo, G. S., Pittsburgh, Pa.
American Midland RR.,
John P. Carrothers, G. M., Findlay, O.
Annapolis and Baltimore Short Line RR.,
C. A. Coombs, G. M., Baltimore, Md.
Annapolis, Washington and Baltimore RR.,
John W. Brown, Mgr., Baltimore, Md.
Anniston and Atlantic RR., and
Anniston and Cincinnati RR.,
Thos. K. Scott, Supt., Anniston, Ala.
Arizona and New Mexico RR.,
John Shennan, G. S., Clifton, Ariz.
Arizona and Southeastern RR.,
Ben Williams, G. S., Bisbee, Ariz.
Arkansas and Louisiana RR.,
R. E. Ricker, G. S., St. Louis, Mo.
Arkansas Midland RR.,
A. H. Johnson, G. M., Helena, Ark.
J. B. Johnson, G. S., Helena, Ark.
Ashland Coal and Iron Ry.,
D. Putnam, Jr., G. S. & M., Ashland, Ky.
Aspen and Western Ry.,
E. M. Steck, G. M., Pueblo, Ark.
Astoria and South Coast RR.,
Henry B. Thielsen, Supt., Astoria, Or.
Atchison, Topeka and Santa Fé RR.,
A. A. Robinson, G. M., Topeka, Kan.
Geo. L. Sands, G. S., Topeka, Kan.
C. O. Wheeler, G. S., Chicago, Ill.
Atlanta and Florida RR.,
T. W. Garrett, Supt., Atlanta, Ga.
Atlanta and West Point RR.,
Edmund L. Tyler, G. M., Atlanta, Ga.
Atlantic and Danville Ry.,
C. B. Peck, G. M., Portsmouth, Va.
V. H. Stevens, G. S., Portsmouth, Va.
Atlantic and North Carolina RR.,
Basil Manly, Supt., Newbern, N. C.
Atlantic and Pacific RR.,
D. B. Robinson, G. M., Albuquerque, N. M.
Atlantic and Western RR.,
F. C. Austin, G. S., Orange City, Fla.
Atlantic City RR.,
A. A. McLeod, G. M., Philadelphia, Pa.
I. A. Sweigard, G. S., Philadelphia, Pa.
Atlantic Coast Line,
H. Walters, G. M., Wilmington, N. C.
E. T. D. Myers, Supt. Roads North of Weldon, Richmond, Va.
Jno. F. Divine, Supt. Roads South of Weldon, Wilmington, N. C.

Augusta and Summerville RR.,
E. G. Mosher, G. S., Augusta, Ga.
Augusta, Gibson and Sandersville RR.,
Hamilton Wilkins, G. M. & G. S., Augusta, Ga.
Au Sable and Northwestern RR.,
J. E. Potts, G. M., Detroit, Mich.
Austin and Northwestern RR.,
A. N. Leitmaker, G. S., Austin, Tex.
Bachman Valley RR. of Maryland,
Jerome L. Boyer, G. M., Reading, Pa.
Baie des Chalears RR.,
J. F. Armstrong, Supt., Cross Point, Que.
Baltimore and Delaware Bay RR.,
E. Thielens, G. M., Philadelphia, Pa.
E. P. Stacey, G. S., Clayton, Del.
Baltimore and Eastern Shore RR.,
A. J. Benjamin, G. M., Salisbury, Md.
R. J. Henry, Supt., Berlin, Md.
Baltimore and Ohio RR.,
J. T. Odell, G. M., Baltimore, Md.
Alfred Walter, G. S., Baltimore, Md.
Baltimore and Ohio Southwestern RR.,
I. G. Rawn, G. S., Cincinnati, O.
Baltimore and Potomac RR.,
Chas. E. Pugh, G. M., Philadelphia, Pa.
H. F. Kenney, G. S., Philadelphia, Pa.
Baltimore and Sparrow's Point RR.,
W. S. Franklin, Supt., Sparrow's Point, Md.
Bangor and Piscataquis RR.,
Arthur Brown, G. S., Bangor, Me.
Bangor and Portland RR.,
C. Miller, G. M., Bangor, Pa.
Barclay Coal RR.,
R. T. Dodson, Supt., Barclay, Pa.
Barnwell RR.,
J. T. Willis, G. S., Barnwell, S. C.
Barre RR.,
F. W. Stanyan, Act. Supt., Barre, Vt.
Bartlett and Albany RR.,
Jno. C. Small, Supt., Portland, Me.
Bath and Hammondsport RR.,
H. S. Stebbins, G. M., Hammondsport, N. Y.
Battle Creek and Sturgis Ry., and
Sturgis Goshen, and St. Louis Ry.
W. I. Fox, G. S., Battle Creek, Mich.
Bear Lake and Eastern RR.,
G. W. Hopkins, G. M., Bear Lake, Mich.
C. G. Wareham, G. S., Bear Lake, Mich.
Beech Creek RR.,
Geo. J. Magee, G. M., Corning, N. Y.
A. G. Palmer, Supt., Jersey Shore, Pa.
Bellaire, Zanesville and Cincinnati Ry.,
W. R. Crumpton, G. M., Zanesville, O.
Bennington and Glastenbury RR.,
Amos Aldrich, G. Supt., Bennington, Vt.
Bennington and Rutland RR.,
E. D. Bennett, G. S., Bennington, Vt.
Bentonville RR.,
N. S. Henry, G. M., Bentonville, Ark.
Birmingham, Selham and New Orleans Ry.,
A. M. Fowlkes, Supt., Selma, Ala.
Birmingham, Sheffield and Tennessee River RR.,
P. Campbell, G. M., Sheffield, Ala.
E. Marsh, Supt., Sheffield, Ala.
Bishopsville RR.,
P. L. Bridgers, G. M., Atkins, S. C.
John Barry, G. S., Atkins, S. C.
Black Hills and Fort Pierre RR.,
Thos. J. Grier, Supt., Lead City, Dak.
Blackville, Alston and Newberry RR.,
J. C. Keys, G. S., Blackville, S. C.

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Bloomsburg and Sullivan RR.,
F. M. Leader, G. M., Bloomsburg, Pa.
Blue Ridge and Atlantic RR.,
W. B. Thomas, G. M., Tallulah Falls, Ga.
Bodie and Benton Ry. and Commercial Co.,
Thomas Holt, G. S., Bodie, Cal.
Boston and Albany RR.,
Walter H. Barnes, G. M., Boston, Mass.
H. T. Gallup, G. S., Springfield, Mass.
Boston and Maine, RR.,
James T. Furber, G. M., Boston, Mass.
Boston, Revere Beach and Lynn RR., and
Boston, Winthrop and Shore RR.,
C. A. Hammond, Supt., Boston, Mass.
Bowden Lithia Springs Short Line,
Jas. H. Watson, G. M. & Supt., Salt Springs, Ga.
Bradford, Bordell and Kinzua RR.,
John C. McKenna, Supt., Bradford, Pa.
Bradford, Eldred & Cuba RR.,
W. W. Atwood, Supt., Wellsville, N. Y.
Brantford, Waterloo and Lake Erie RR.,
H. D. Latham, G. M., Brantford, Ont.
H. B. North, Supt., Brantford, Ont.
Bridgton and Saco River RR.,
J. A. Bennett, Supt., Bridgton, Me.
Brinkley, Helena and Indian Bay RR.,
O. M. Norman, G. S., Brinkley, Ark.
Brockville, Westport and Sault Ste. Marie RR.,
R. G. Hervey, Mgr., Brockville, Ont.
Brookfield Ry.,
H. L. Spooner, G. M., Brookfield, N. Y.
Brooklyn, Bath and West End RR.,
John P. Heindell, G. S., Brooklyn, N. Y.
Brooklyn and Brighton Beach RR.,
J. L. Morrow, Supt., Flatbush, N. Y.
Brooklyn Elevated RR.,
Frederick Martin, G. M., Brooklyn, N. Y.
Brunswick and Western RR.,
H. S. Haines, G. M., Savannah, Ga.
W. Haines, Supt., Brunswick, Ga.
Buctouche and Moncton Ry.,
C. F. Harrington, Mgr., Moncton, N. B.
Buffalo Run, Bellefonte and Bald Eagle RR.,
Thos. A. Shoemaker, G. S., Bellefonte, Pa.
Buffalo, Lackawanna and Pacific RR.,
J. E. McIntyre, G. M., Buffalo, N. Y.
Buffalo, Rochester and Pittsburgh Ry.,
Geo. W. Bartlett, G. S., Bradford, Pa.
Burlington and Missouri River RR. in Neb.,
G. W. Holdrege, G. M., Omaha, Neb.
T. E. Calvert, G. S., Lincoln, Neb.
Burlington, Cedar Rapids and Northern Ry.,
C. J. Ives, G. S., Cedar Rapids, Ia.
Cadillac and Northeastern RR.,
W. W. Cummer, G. M., Cadillac, Mich.
E. W. Gerrish, Supt., Cadillac, Mich.
Cady Mills Branch Ry.,
Charles Oliver, G. M., Cady Mills, Wis.
S. H. Davis, G. S., Cady Mills, Wis.
Cahaba Coal Mining Co.'s RR.,
C. Cadle, Jr., Mgr., Blocton, Ala.
P. B. Thomas, G. S., Blocton, Ala.
Camden and Atlantic RR.,
Chas. E. Pugh, G. M., Philadelphia, Pa.
A. O. Dayton, Supt., Camden, N. J.
Canada and St. Louis Ry.,
J. J. Burns, G. M., Goshen, Ind.
Canada Atlantic Ry.,
E. J. Chamberlin, G. M., Ottawa, Ont.
Canadian Government Rys.,
C. Schreiber, G. M., Ottawa, Ont.
David Pottinger, Chief Supt., Moncton, N. B.
Canadian Pacific Ry.,
T. A. Mackinnon, G. S., Montreal, Que.
Cape Fear and Yadkin Valley Ry.,
J. W. Fry, G. M., Greensboro, N. C.
Cape Girardeau Southwestern Ry.,
Louis Honck, G. M., Cape Girardeau, Mo.
E. F. Blomeyer, Supt., Cape Girardeau, Mo.
Cape May and Sewells Point RR.,
F. F. Hogate, G. M., Camden, N. J.
Caraquet Ry.,
K. F. Burns, G. M., Bathurst, N. B.
W. H. Chisholm, G. S., Bathurst, N. B.
Carillon and Greenville RR.,
R. W. Shepherd, Jr., G. M., Montreal, Que.
Jno. McGowan, G. S., Carillon, Can.
Carolina Central RR.,
John C. Winder, G. M., Raleigh, N. C.
L. C. Jones, Supt., Wilmington, N. C.
Carolina, Cumberland Gap and Chicago RR.,
Geo. Potts, G. M., Aiken, S. C.
J. H. Averill, Supt., Charleston, S. C.
Catasauqua and Fogersville RR.,
C. W. Chapman, G. S., Catasauqua, Pa.
Catskill Mountain RR.,
Chas. A. Beach, G. S., Catskill, N. Y.
Cedar Rapids and Marion RR.,
Wm. Elsom, Supt., Cedar Rapids, Ia.
Central Arizona RR.,
D. M. Riordan, G. M., Flagstaff, Ariz. Ter.
T. A. Riordan, Supt., Flagstaff, Ariz. Ter.
Centralia and Chester RR.,
J. M. McCutcheon, G. M., Monmouth, Ill.
Central New England and Western RR.,
S. P. Opdyke, Jr., G. S., Hartford, Conn.
Central Ontario RR.,
H. P. McIntosh, G. M., Cleveland, O.
Robert Fraser, Supt., Trenton, Ont.
Central RR. of Georgia,
Cecil Gabbett, G. M., Savannah, Ga.
Central RR. of New Brunswick,
T. M. Williamson, G. M., Chipman, N. B.
Central RR. of New Jersey,
J. H. Olhausen, G. S., Jersey City, N. J.
Central Union Depot and Ry. Co. of Cincinnati,
E. F. Osborn, G. M., Cincinnati, O.
Jacob Heglin, Supt., Cincinnati, O.
Central Vermont RR.,
J. W. Hobart, G. M., St. Albans, Vt.
J. M. Foss, G. S., St Albans, Vt.
Chagrin Falls and Southern RR.,
W. Hutchins, G. M., Chagrin Falls, O.
Geo. Marsh, G. S., Chagrin Falls, O.
Charleston and Savannah RR.,
H. S. Haines, G. M., Savannah, Ga.
C. S. Gadsen, Supt., Charleston, S. C.
Charleston, Cincinnati and Chicago RR.,
R. A. Johnson, G. M., New York, N. Y.
Jno. F. Jones, Supt., Blacksburg, S. C.
Charleston, Sumter and Northern RR.,
I. W. Fowler, G. M., Vances, S. C.
Chateaugay RR.,
A. L. Inman, G. M., Plattsburg, N. Y.
Chatham Ry.,
A. Alcorn, G. S., Chatham, N. B.
Chattanooga and Lookout Mountain Ry.,
H. P. Eagar, G. S., Chattanooga, Tenn.
Chattanooga, Rome and Columbus RR.,
J. R. Shaler, G. M., Rome, Ga
Chattanooga Southern RR.,
J. W. James, G. M., Chattanooga, Tenn.
Chattanooga Union Ry.,
R. H. Bowen, Supt., Chattanooga, Tenn.
Chautauqua Ry.,
W. E. Griggs, G. S., Jamestown, N. Y.
Cherry Valley RR.,
E. T. Hurndon, Supt., Midland, Mo.
Chesapeake and Nashville RR.,
Robt. Meek, Supt., Gallatin, Tenn.
Chesapeake and Ohio Ry.,
G. W. Stevens, G. S., Richmond, Va.
Cheshire RR.,
R. Stewart, G. M. & Supt., Keene, N. H.
Chicago and Alton RR.,
C. H. Chappell, G. M., Chicago, Ill.
Chicago and Atlantic RR.,
C. L. Mayne, Supt., Huntington, Ind.
Chicago & Eastern Ill. RR. and Chicago & Ind. Coal Ry.,
Geo. W. Saul, G. M., Chicago, Ill.
D. R. Patterson, G. S., Chicago, Ill.
Chicago and Grand Trunk Ry.,
W. J. Spicer, G. M., Detroit, Mich.
A. B. Atwater, Supt., Detroit, Mich.
Chicago and Northwestern Ry.,
Jno. M. Whitman, G. M., Chicago, Ill.
Sherburne Sanborn, G. S., Chicago, Ill.
Chicago and Ohio River RR.,
J. D. Livingston, G. M., Kansas, Ill.
Chicago and Western Indiana and Belt Ry. of Chicago.
B. Thomas, G. M., Chicago, Ill.
Chicago and West Michigan Ry.,
Chas. M. Heald, G. M., Grand Rapids, Mich.
J. K. V. Agnew, Supt., Grand Rapids, Mich.
Chicago, Burlington and Kansas City RR.,
C. M. Levey, G. S., Keokuk, Ia.

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Chicago, Burlington and Northern RR.,
J. R. Hastings, Supt., LaCrosse, Wis.
Chicago, Burlington and Quincy RR.,
Geo. B. Harris, G. M., Chicago, Ill.
J. D. Besler, G. S., Chicago, Ill.
Chicago, Fairchild and Eau Claire River RR.,
N. C. Foster, G. M., Fairfield, Wis.
Chicago, Fort Madison and Des Moines Ry.,
W. P. Scott, Supt., Fort Madison, Ia.
Chicago, Iowa and Dakota RR.,
Jno. Porter, G. M., Eldora, Ia.
Chicago, Kalamazoo and Saginaw Ry.,
F. Bush, G. M., Kalamazoo, Mich.
L. Sargent, Supt., Kalamazoo, Mich.
Chicago, Kansas City and Texas Ry.,
W. E. Hansom, Supt., Kansas City, Mo.
Chicago, Milwaukee and St. Paul Ry.,
Roswell Miller, G. M., Milwaukee, Wis.
A. J. Earling, G. S., Milwaukee, Wis.
Chicago, Rock Island and Pacific Ry.,
E. St. John, G. M., Chicago, Ill.
H. F. Royce, G. S., Lines East of the Missouri River, Chicago, Ill.
W. I. Allen, G. S., Lines West of the Missouri River, Topeka, Kan.
Chicago, St. Paul and Kansas City Ry.,
J. M. Egan, G. M., St. Paul, Minn.
C. Shields, G. S., St. Paul, Minn.
Chicago, St. Paul, Minneapolis and Omaha Ry.,
E. W. Winter, G. M., St. Paul, Minn.
W. A. Scott, G. S., St. Paul, Minn.
Chicago, Santa Fé and California Ry.,
J. F. Goddard, Mgr., Chicago, Ill.
C. O. Wheeler, G. S., Chicago, Ill.
Choctaw Coal and Ry.,
Edwin D. Chadick, Mgr., So. McAlester, I. T.
Cincinnati and Green River RR.,
H. D. Emerson, Supt., Cincinnati, O.
Cincinnati and Muskingum Vy. Ry.,
C. H. Walton, Supt., Zanesville, O.
Cincinnati and Southeastern Ry.,
J. E. French, G. M., Flemingsburg, Ky.
Cincinnati and Westwood RR.,
J. R. Baums, G. M., Cincinnati, O.
E. D. Lait, G. S., Westwood, O.
Cincinnati, Georgetown and Portsmouth RR.,
H. G. Roelker, G. M., Cincinnati, O.
T. Taggart, Supt., Cincinnati, O.
Cincinnati, Hamilton and Dayton RR.,
M. D. Woodford, G. M., Cincinnati, O.
Chas. Neilson, G. S., Cincinnati, O.
Cincinnati, Hocking Vy. and Huntington RR.,
Jno. Karshner, G. M., Adelphi, O.
Cincinnati, Jackson and Mackinaw RR.,
F. B. Drake, G. M., Toledo, O.
J. B. Flanders, Supt., Toledo, O.
Cincinnati, Lebanon and Northern Ry.,
Geo. Hafer, G. M., Cincinnati, O.
Cincinnati Northwestern Ry.,
Robert Simpson, G. M., Cincinnati, O.
Arthur Walters, Supt., Mount Healthy, O.
Cincinnati, Saginaw and Mackinaw RR.,
Jas. T. Gardner, G. M., East Saginaw, Mich.
Cincinnati, Sandusky and Cleveland RR.,
J. L. Moore, G. M., Sandusky, O.
Thomas Reynolds, Supt., Springfield, O.
Cincinnati, Selma and Mobile Ry.,
Edward L. Tyler, G. M., Atlanta, Ga.
Cincinnati, Wabash and Michigan Ry.,
N. Beckley, G. M., Elkhart, Ind.
O. W. Lamport, G. S., Wabash, Ind.
Cincinnati, Wheeling and New York RR.,
J. W. Campbell, G. M., Cambridge, O.
W. H. Stevens, Supt., Cumberland, O.
City and Suburban Ry.,
Geo. W. Allen, Supt., Savannah, Ga.
Clarendon and Pittsford RR.,
Geo. C. Robinson, G. S., West Rutland, Vt.
Cleveland, Akron and Columbus RR.,
N. Monsarrat, G. M., Akron, O.
R. G. Sharpe, Supt., Akron, O.
Cleveland and Canton RR.,
H. A. Blood, G. M., Boston, Mass.
J. W. Wardwell, Supt., Cleveland, O.
Cleveland and Marietta RR.,
A. T. Wikoff, G. M., Cambridge, O.
Cleveland and Western RR.,
C. W. Risley, Mgr., Delphos, O.
Cleveland, Cincinnati, Chicago and St. Louis Ry., and Dayton and Union RR.,
Wm. M. Greene, G. M., Cincinnati, O.
E. A. Peck, G. S., Indianapolis, Ind.
Cleveland, Lorain and Wheeling RR.,
Oscar Townsend, G. M., Cleveland, O.
F. M. Townsend, Supt., Lorain, O.
Cleveland, St. Louis and Kansas City Ry.,
J. T. K. Hayward, G. M., St. Louis, Mo.
E. C. Hayward, Supt., St. Louis, Mo.
Cobourg, Blairton and Marmora Ry.,
T. P. Pearce, G. M., Cobourg, Ont.
Colorado Eastern RR.,
C. M. Wicker, G. M., Denver, Col.
Colorado Midland RR.,
H. Collbran, G. M., Colorado Springs, Col.
Thomas Saunders, Supt., Colorado Springs, Col.
Columbia and Puget Sound RR.,
H. W. McNeill, G. M., Seattle, W. T.
Columbus and Cincinnati Midland RR.,
S. P. Peabody, Supt., Columbus, O.
Columbus and Maysville RR.,
Jas. Q. Marshall, Supt., Hillsboro, O.
Columbus and Rome Ry.,
Cecil Gabbett, G. M., Savannah, Ga.
D. D. Curran, Supt., Savannah, Ga.
Columbus, Hocking Vy. and Toledo Ry.,
Chas. H. Rockwell, G. S., Columbus, O.
Columbus, Lima and Milwaukee Ry.,
B. C. Faurot, G. M., Lima, O.
Columbus, Shawnee and Hocking Valley RR.,
F. J. Picard, G. M., Columbus, O.
Columbus Southern RR.,
S. F. Parrot, G. M., Columbus, Ga.
Colusa and Lake RR.,
E. A. Harrington G. M. & G. S., Colusa, Cal.
Connecticut River RR.,
Jno. Mulligan, Supt., Springfield, Mass.
Connecting Terminal RR.,
J. E. Payne, Mgr., Philadelphia, Pa.
T. M. Moore, Supt., Buffalo, N. Y.
Cooperstown and Charlotte Valley RR.,
D. E. Siver, Supt., Cooperstown, N. Y.
Cornwall and Lebanon RR.,
Ned Irish, G. S., Lebanon, Pa.
Cornwall RR.,
E. C. Freeman, G. M., Cornwall, Pa.
S. S. Neff, Supt., Lebanon, Pa.
Coudersport and Port Allegany RR.,
B. A. McClure, G. S., Coudersport, Pa.
Covington and Macon RR.,
A. G. Craig, Act. Supt., Macon, Ga.
Craig Mineral RR.,
W. T. Sears, G. M., Eagle Rock, Va.
Crawford and Manistee River Ry.,
Nicholas Dowan, G. M. & G. S., Fletcher, Mich.
Cresson, Clearfield County and New York Short Route RR.,
W. P. Rathbun, G. M., Cresson, Pa.
Crooked Creek RR.,
Walter C. Wilson, G. M., Lehigh, Iowa.
Crown Point Iron Co.'s RR.,
A. L. Inman, G. M., Plattsburg, N. Y.
Crystal Ry.,
G. F. Neale, Supt., Crystal City, Mo.
Cumberland and Pennsylvania RR.,
P. L. Burwell, G. S., Cumberland, Md.
Cumberland Ry. and Coal Co.,
J. R. Cowans, G. M., Spring Hill, N. S.
J. G. Aikman, Supt., Parrsboro, N. S.
Cumberland Valley RR.,
J. F. Boyd, Supt., Chambersburg, Pa.
Danville and La Grange RR.,
W. E. McNeilly, G. M., Nashville, Tenn.
D. P. Wrenne, Supt., Nashville, Tenn.
Danville and New River RR.,
J. C. Wrenshall, G. M., Danville, Va.
G. K. Griggs, G. S., Danville, Va.
Dardanelle and Russellville RR.,
D. L. Bourland, Mgr., Dardanelle, Ark.
Dayton, Ft. Wayne and Chicago Ry.,
J. E. Gimperling, G. M., Cincinnati, O.
Deadwood Central RR.,
A. W. Coe, G. M., Deadwood, So. Dak.
F. W. Shaw, Supt., Deadwood, So. Dak.
Delaware and Hudson Canal Co.,
C. D. Hammond, Supt. N. RR. Dept., Albany, N. Y.
R. Manville, Supt. Pa. Div., Carbondale, Pa.
Delaware Bay and Cape May RR.,
J. Henry Edmunds, G. M., Cape May, N. J.

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Delaware, Lackawanna and Western RR.,
W. F. Hallstead, G. M., Scranton, Pa.
Delaware River RR.,
E. H. Green, Supt., Pedricktown, N. J.
Denison and Washita Valley RR.,
Edward Parry, G. S., Denison, Tex.
Denison Rapid Transit RR.,
R. G. Derby, Supt., Denison, Tex.
Denver and Rio Grande RR.,
S. T. Smith, G. M., Denver, Col.
Denver Union RR. and Depot Co.,
W. B. Trufant, Supt., Denver, Col.
Denver, Utah and Pacific RR.,
L. M. Fouts, G. S., Denver, Col.
Des Moines and Kansas City RR.,
Jno. C. Newton, G. M., Holyoke, Mass.
Des Moines and Northern Ry.,
L. M. Martin, G. M., Des Moines, Ia.
Des Moines and Northwestern Ry.,
G. W. Ogilvie, Supt., Des Moines, Ia.
Detroit, Bay City and Alpena RR.,
R. A. Alger, G. M., Detroit, Mich.
Milo Eastman, G. S., E. Tawas, Mich.
Detroit, Grand Haven and Milwaukee Ry.,
W. J. Spicer, G. M., Detroit, Mich.
A. B. Atwater, Supt., Detroit, Mich.
Detroit, Lansing and Northern RR.,
Chas. M. Heald, G. M., Grand Rapids, Mich.
J. H. V. Agnew, G. S., Grand Rapids, Mich.
Diamond Valley RR.,
D. Gring, Mgr., Newport, Pa.
S. H. Gring, G. S., Barre, Pa.
Dodge City, Montezuma and Trinidad Ry.,
R. R. Hudson, Supt., Dodge City, Kan.
Dover and Statesboro RR.,
Frank W. Scofield, G. M., Augusta, Ga.
Duluth and Iron Range RR.,
Geo. C. Kimball, G. M., Duluth, Minn.
J. L. Greatsinger, G. S., Two Harbors, Minn.
Duluth and Winnipeg RR.,
W. H. Fisher, G. M., St. Paul, Minn.
Duluth, Red Wing and Southern RR.,
L. F. Hubbard, G. M., Red Wing, Minn.
Duluth, South Shore and Atlantic Ry.,
W. F. Fitch, G. M. & Supt., Marquette, Mich.
Durham and Northern Ry.,
Wm. Moncure, Supt., Durham, N. C.
East and West RR. of Alabama,
Chas. P. Ball, G. M., Cartersville, Ga.
East Broad Top RR.,
A. W. Sims, G. M. & G. S., Orbisonia, Pa.
East St. Louis and Carondelet Ry.,
Joseph Hill, G. S., St. Louis, Mo.
East St. Louis Connecting Ry.,
C. H. Shurman, Supt., St. Louis, Mo.
East Tennessee, Virginia and Georgia Ry.,
C. H. Hudson, G. M., Knoxville, Tenn.
East Tennessee and Western North Carolina RR.
C. H. Nimson, Supt., Cranberry, N. C.
Eastern Kentucky RR.,
H. W. Bates, G. M., Greenup, Ky.
Robt. Leedy, Supt., Grayson, Ky.
Eastern Ry. of Minnesota,
A. L. Mohler, G. M., St. Paul, Minn.
C. K. Lawrence, G. S., West Superior, Wis.
East Louisiana RR.,
John Poitevent, G. M., New Orleans, La.
Sam. R. Poitevent, Supt., Florenceville, La.
Eel River and Eureka RR.,
W. S. Riddell, Supt., Eureka, Cal.
Electric City and Illinois Ry.,
H. W. Gaya, G. M., St. Louis, Mo.
Elgin, Joliet and Eastern Ry.,
G. O. Clinton, Supt., Joliet, Ill.
Elgin, Petitcodiac and Havelock Ry.,
A. E. Killam, G. M., Petitcodiac, N. B.
J. A. Killam, G. S., Petitcodiac, N. B.
Ellensburgh and Northeastern RR.,
M. J. Maloney, Mgr., Ellensburgh, Wash.
Elmira, Cortland and Northern RR.,
A. A. McLeod, G. M., Elmira, N. Y.
Albert Allen, G. S., Cortland, N. Y.
Emmittsburgh RR.,
Jas. A. Elder, G. M., Emmittsburgh, Md.
Empire and Dublin RR.,
W. A. Heath, Supt., Empire, Ga.
Erie and Wyoming Valley RR.,
Geo. B. Smith, Supt., Dunmore, Pa.
Esquimault and Nanaimo RR.,
Jos. Hunter, Supt., Victoria, B. C.
Eureka and Palisade RR.,
B. Gilman, G. S., Eureka, Nev.
Eureka Springs Ry.,
Powell Clayton, Mgr., Eureka Springs, Ark.
Evansville and Terre Haute RR.,
Geo. W. Saul, G. M., Chicago, Ill.
D. R. Patterson, G. S., Chicago, Ill.
Evansville, Suburban and Newburg RR.,
W. J. Wood, G. M., Evansville, Ind.
Fairhaven and Southern RR.,
E. M. Wilson, G. M., Fairhaven, Wash.
A. J. Borie, G. S., Fairhaven, Wash.
Fall Brook Coal Co. (Lessee),
Geo. R. Brown, G. S., Corning, N. Y.
Farmville and Powhatan RR.,
Jas. R. Werth, G. M., Richmond, Va.
Ferro Monte RR.,
Geo. Shaw, Supt., Mine Hill, N. J.
Fitchburg RR.,
Jno. Adams, G. S., Boston, Mass.
Flint and Pére Marquette RR.,
H. C. Potter, G. M., East Saginaw, Mich.
S. Keller, Supt., East Saginaw, Mich.
Florida Central and Peninsular RR.
D. E. Maxwell, G. M., Jacksonville, Fla.
Florida Midland Ry.,
Jno. H. Dawe, G. M., Apopka, Fla.
Samuel Corning, Supt., Apopka, Fla.
Florida Southern Ry.,
S. Conant, Supt., Palatka, Fla.
Fonda, Johnstown and Gloversville RR.,
Lawton Caten, Supt., Gloversville, N. Y.
Fort Payne and Eastern RR.,
C. O. Godfrey, Mgr., Fort Payne, Ala.
Fort Wayne, Cincinnati and Louisville RR., and White Water RR.,
Geo. W. Saul, G. M., Ft. Wayne, Ind.
Forth Worth and Denver City Ry.,
R. J. Duncan, G. S., Fort Worth, Tex.
Fort Worth and Rio Grande Ry.,
Jno. Hornby, G. S., Fort Worth, Tex.
Frankfort and Southeastern RR.,
B. F. Lincoln, G. M., Frankfort, Mich.
Arthur Ward, G. S., Frankfort, Mich.
Franklin and Megantic RR.,
F. S. Mead, G. S., Boston, Mass.
Freemont, Elkhorn and Missouri Vy. RR. and Sioux City and Pacific RR.,
H. G. Burt, G. M., Omaha, Neb.
C. C. Hughes, G. S., Omaha, Neb.
Fulton County Narrow-Gauge RR.,
S. H. Mallory, G. M., Chariton, Ia.
Galveston, Harrisburg and San Antonio Ry.,
W. G. Van Vleck, G. S., Houston, Tex.
George's Creek and Cumberland RR.,
J. A. Millholland, G. M., Cumberland, Md.
Georgetown and Western RR.,
Chas. A. Ball, G. S., Georgetown, S. C.
Georgia, Carolina and Northern Ry.,
John C. Winder, G. M., Raleigh, N. C.
L. T. Myers, G. S., Portsmouth, Vt.
Georgia Midland and Gulf RR.,
G. G. Jordan, G. M., Columbus, Ga.
M. E. Gray, G. S., Columbus, Ga.
Georgia Railroad.
Jno. W. Green, G. M., Augusta, Ga.
S. A. Hempill, Supt., Augusta, Ga.
Georgia Southern and Florida RR.,
J. Lane, G. M., Macon, Ga.
S. C. Hoge, Supt., Macon, Ga.
Gettysburg and Harrisburg RR.,
W. H. Woodward, G. S., Carlisle, Pa.
Goodyear, Neillsville and Northern Ry.,
C. A. Goodyear, G. M., Tomah, Wis.
H. Blair, Supt., Goodyear, Wis.
Grafton and Greenbrier RR.,
J. E. Hall, G. M., Phillippi, W. Va.
Grafton and Upton RR.,
Chas. B. Powers, Supt., Grafton, Mass.
Grand Rapids and Indiana RR.,
W. O. Hughart, G. M., Grand Rapids, Mich.
Grand Southern Ry. of New Brunswick,
J. N. Greene, G. M., Bangor, Me.
Grand Tower and Cape Girardeau RR.,
J. D. Peters, Supt., Murphysboro, Ill.
Grand Tower and Carbondale RR.,
Jos. D. Peters, Supt., Carbondale, Ill.

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Grand Trunk Ry.,
Jos. Hickson, G. M., Montreal, Can.
Great Northern Ry. Line,
A. L. Mohler, G. M., St. Paul, Minn.
C. W. Case, G. S., St. Paul, Minn.
Great Northern Ry. (of Canada),
L. A. Globensky, Mgr., Montreal, Can.
Green Bay, Winona and St. Paul RR.,
S. W. Champion, Supt., Green Bay, Wis.
Green Pond, Waterboro and Branchville RR.,
C. S. Gadsden, G. S., Charleston, S. C.
Greenwich and Johnsonville Ry.,
J. H. Thompson, Mgr. & Supt., Greenwich, N. Y.
Gulf, Colorado and Santa Fé Ry.,
J. H. Scott, G. S., Galveston, Tex.
Gulf, Western Texas and Pacific Ry.,
M. D. Monserrate, G. S., Victoria, Tex.
Hancock and Calumet RR.,
C. A. Wright, G. M., Hancock, Mich.
Hannibal and St. Joseph RR.,
Kansas City, St. Joseph and Council Bluffs RR.,
W. F. Merrill, G. M., St. Joseph, Mo.
Hannibal Union Depot Co.,
C. N. Lee, Supt., Hannibal, Mo.
Harrisburg and Potomac RR.,
A. A. McLeod, G. M., Philadelphia, Pa.
I. A. Sweigard, G. S., Philadelphia, Pa.
Hecla and Torch Lake RR.,
W. A. Childs, Supt., Calumet, Mich.
Herkimer, Newport and Poland Ry.,
E. M. Burns, G. M., Middleville, N. Y.
A. Wilber, Supt., Herkimer, N. Y.
Hibernia Mine RR.,
Geo. Richards, G. M., Dover, N. J.
Geo. R. Miller, G. S., Rockaway, N. J.
Hobart and Manistee River RR.,
H. W. Marsh, Supt., Hobart, Mich.
Hoosac Tunnel and Wilmington RR.,
Moses Newton, Supt., Holyoke, Mass.
Hot Springs RR.,
J. Reynolds, G. M., Chicago, Ill.
L. D. Richardson, Supt., Hot Springs, Ark.
Housatonic RR.,
W. H. Stevenson, G. M., Bridgeport, Conn.
Houston and Texas Central Ry.,
G. A. Quinlan, G. S., Corsicana, Tex.
Houston, East and West Texas Ry.,
J. C. Matthews, Supt., Houston, Tex.
Humeston and Shenandoah RR.,
E. C. Murphy, G. M., Clarinda, Ia.
Huntingdon and Broad Top Mountain RR.,
G. F. Gage, G. M., Huntingdon, Pa.
Hutchinson and Southern RR.,
E. E. Wise, G. M., Chicago, Ill.
Idaho Central RR.,
J. F. Curtis, G. M., Boise City, Idaho.
Illinois Central System,
C. A. Beck, G. M., Chicago, Ill.
A. W. Sullivan, G. S., Chicago, Ill.
Indianapolis, Decatur and Western RR.,
L. A. Boyd, Supt., Indianapolis, Ind.
Indianapolis Union Ry.,
D. F. Whitcomb, G. S., Indianapolis, Ind.
Indiana and Illinois Southern RR.,
P. H. Blue, G. M., Sullivan, Ind.
Indiana, Illinois and Iowa RR.,
T. P. Shouts, G. M., Chicago, Ill.
C. H. Smith, Supt., Kankakee, Ill.
International and Great Northern RR., and
Galveston, Houston and Henderson RR.,
T. G. Golden, G. S., Palestine, Tex.
Iowa Central Ry.,
C. H. Ackert, G. M., Marshalltown, Ia.
J. H. Redmond, Supt., Marshalltown, Ia.
Iowa Northern Ry.,
D. S. Conch, G. M. & G. S., Colfax, Ia.
Iron Ry.,
C. C. Clarke, G. M., Ironton, O.
Irondale, Bancroft and Ottawa Ry.,
C. J. Pusey, G. M., Irondale, Ont.
Ironton RR.,
Wm. Andrews, Supt., Ironton, Pa.
Ithaca, Auburn and Western RR.,
F. T. Peet, G. S., Auburn, N. Y.
Jacksonville and Atlantic, Ry.,
J. Hayden, Supt., Jacksonville, Fla.
Jacksonville, Mayport & Pablo Ry. & Navigation Co.,
H. S. Ming, G. S., Jacksonville, Fla.
Jacksonville Southeastern Ry.,
D. W. Rider, Supt., Jacksonville, Ill.
Jacksonville, Tampa and Key West System,
D. F. Jack, G. M., Jacksonville, Fla.
Jamesville and Washington RR.,
Samuel O. Stokes, G. M., Jamesville, N. C.
Joggings Ry.,
M. C. Milner, Mgr., Maccan, N. S.
Jones Mountain RR.,
Luther Shute, G. S., Jonesburg, N. Y.
Junction RR.,
W. F. Lockard, Supt., Philadelphia, Pa.
Kaaterskill RR.,
James H. Jones, G. S., Rondout, N. Y.
Kanawha and Coal River RR.,
A. M. Wooldredge, Supt., Spring Hill, W. Va.
Kanawha and Michigan Ry.,
L. D. Britton, Supt., Charleston, W. Va.
Kanawha and Seneca RR.,
G. W. Bender, Supt., Indianapolis, Ind.
Kanona and Prattsburg RR.,
J. G. Baker, G. S., Prattsburg, N. Y.
Kansas and Arkansas Valley Ry.,
S. S. H. Clark, G. M., St. Louis, Mo.
R. E. Ricker, G. S., St. Louis, Mo.
Kansas City and Southern RR.,
W. E. Gray, G. M., St. Louis, Mo.
Kansas City Belt Ry.,
D. K. Smith, Supt., Kansas City, Mo.
Kansas City, El Paso and Mexican RR.,
W. C. Masten, G. M., El Paso, Tex.
Kansas City, Fort Scott and Memphis RR.,
Kansas City, Clinton and Springfield Ry.,
Kansas City, Memphis and Birmingham RR., and
Current River RR.,
Geo. H. Nettleton, G. M., Kansas City, Mo.
W. W. Fagan, G. S., Kansas City, Mo.
Kansas City, Fort Smith and Southern Ry.,
L. L. Bush, G. M., Neosho, Mo.,
H. M. Fickinger, Supt., Neosho, Mo.
Kansas City and Independence Rapid Transit,
J. R. Chapman, G. M., Kansas City, Mo.
M. B. Mason, Supt., Kansas City, Mo.
Kansas City, Texarkana and Gulf Ry.,
F. E. Hinckley, G. M., Chicago, Ill.
L. L. Keller, G. S., Texarkana, Tex.
Kansas City, Wyandotte and Northwestern RR.,
E. Summerfield, G. M., Kansas City, Mo.
Kent Northern Ry.,
Jno. Brown, G. M., Richibucto, N. B.
E. E. Phair, G. S., Richibucto, N. B.
Kentucky and Indiana Bridge RR.,
A. J. Porter, G. S., Louisville, Ky.
Kentucky and South Atlantic RR.,
J. D. Yarrington, G. M., Lexington, Ky.
Kentucky Central RR.,
H. E. Huntington, G. M., Cincinnati, O.
Lewis Hood, Supt., Cincinnati, O.
Kentucky Midland Ry.,
W. F. Dandridge, G. M., Frankfort, Ky.
Geo. B. Harper, G. S., Frankfort, Ky.
Kentucky Union RR.,
Levi Hege, G. M., Lexington, Ky.
T. B. Slade, Supt., Clay City, Ky.
Keokuk and Western RR.,
A. C. Goodrich, G. M., Keokuk, Ia.
Kildare and Linden Ry.,
W. G. Ragley, Mgr., Jefferson, Tex.
Kings County Elevated RR.,
Wm. T. Goundie, G. M. & G. S., Brooklyn, N. Y.
Kingston and Pembroke Ry.,
B. W. Folger, Supt., Kingston, Ont.
Kingston, Napanee and Western Ry.,
E. W. Rathbun, G. M., Desaronto, Ont.
Knox and Lincoln RR.,
W. L. White, Supt., Bath, Me.
Knoxville and New River RR.,
A. S. Coriell, Jr., G. S., Robbins, Tenn.
Knoxville, Cumberland Gap and Louisville RR.,
John W. Wilson, Supt., Knoxville, Tenn.
Lackawanna and Southwestern RR.,
W. H. Badger, G. S., Angelica, N. Y.
Lake Champlain and Moriah RR.,
E. B. Hedding, Supt., Port Henry, N. Y.
Lake County (Forest) RR.,
Thos. R. Lyon, G. M., Ludington, Mich.
Edwin Goodrich, Supt., Ludington, Mich.
Lake Erie, Alliance and Southern RR.,
E. E. Scranton, Supt., Alliance, O.

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Lake Erie and Western Ry.,
G. L. Bradbury, G. M., Indianapolis, Ind.
D. S. Hill, G. S., Indianapolis, Ind.
Lake Erie, Essex and Detroit River RR.,
E. C. Walker, Mgr., Walkerville, Ont.
Lake Shore and Michigan Southern Ry,
Jno. Newell, G. M., Cleveland, O.
P. P. Wright, G. S., Cleveland, O.
Lakeside and Marblehead RR.,
W. M. Harsh. G. M., Lakeside, O.
Lake Tahoe RR.,
D. L. Bliss, G. M., Carson, Nev.
C. T. Bliss, G. S., Glenbrook, Nev.
Laurel Fork and Sand Hill RR.,
C. F. Pontious, G. S., Volcano, W. Va.
Leavenworth, Topeka and Southwestern Ry.,
E. McNeill, Jr., Mgr., Leavenworth, Kan.
Lebanon Springs RR.,
E. D. Bennett, Supt., Bennington, Vt.
Lehigh and Hudson River RR.,
G. Burt, G. M., Warwick, N. Y.
N. L. Furman, Supt., Warwick, N. Y.
Lexington Terminal RR.,
J. T. M. Hairo, G. M., Lexington, Ga.
Ligonier Valley RR.,
T. A. Mellon, G. M., Pittsburgh, Pa.
Geo. Seuft, G. S., Ligonier, Pa.
Little Rock and Ft. Smith Ry.,
S. H. H. Clark, G. M., St. Louis, Mo.
R. E. Ricker, G. S., St. Louis, Mo.
Little Rock and Memphis RR.,
R. Fink, G. M., Memphis, Tenn.
A. G. Jones, G. S., Memphis, Tenn.
Little Saw Mill Run RR.,
R. W. Jones, G. M., Pittsburgh, Pa.
Long Island RR.,
I. D. Bartan, G. S., Long Island City, N. Y.
Los Angeles, Pasadena and Glendale Ry.,
A. P. Cross, Supt., Los Angeles, Cal.
Louisiana and Northwest RR.
J. D. Beardsley, G. M., Gibsland, La.
Louisville and Nashville RR.,
J. G. Metcalfe, G. M., Louisville, Ky.
Louisville and Wadley RR.,
J. G. Cain, G. M., Louisville, Ga.
Louisville, Evansville and St. Louis RR.,
G. F. Evans, G. M., Louisville, Ky.
Louisville, New Albany and Chicago Ry.,
Wm. F. Black, G. M., Chicago, Ill.
W. R. Woodward, G. S., Chicago, Ill.
Louisville, New Albany and Corydon Ry.,
M. J. O'Connor, G. M. & G. S., Corydon, Ind.
Louisville, New Orleans and Texas Ry.,
J. T. Harahan, G. M., Memphis, Tenn.
Louisville, St. Louis and Texas Ry.,
W. V. McCracken, G. M., New York, N. Y.
A. M. McCracken, Supt., Louisville, Ky.
Louisville Southern Ry.,
W. R. Woodard, G. M., Louisville, Ky.
Lower Lawrentian Ry.,
C. A. Scott, Mgr., Quebec, P. Q.
Maine Central RR.,
Payson Tucker, G. M., Portland, Me.
Manhattan, Alma and Burlingame Ry.,
A. A. Robinson, Mgr., Topeka, Kan.
Manhattan Railway,
F. K. Hain, G. M., New York, N. Y.
Manistee and Northeastern RR.,
Wm. Douglas, G. S., Manistee, Mich.
Manistique Ry.,
Thos. Oliver, G. S., Seney, Mich.
Manitoba and Northwestern Ry.,
W. R. Baker, G. S., Port. la Prairie, M.
Maricopa and Phoenix RR.,
C. S. Masten, Mgr., Phoenix, Arizona Ter.
Marietta and North Georgia RR.,
J. B. Glover, G. M., Marietta, Ga.
Marietta, Columbus and Northern RR.,
T. D. Dale, G. M., Marietta, O.
Maryland Central RR.,
C. F. Kerchner, G. S., Baltimore, Md.
Mary Lee Coal and Ry.,
J. A. Montgomery, G. M., Birmingham, Ala.
Marysville, Sutter City and Colusa RR.,
A. J. Lyon, Supt., Sutter City, Cal.
Mason and Oceana RR.,
M. McDermott, G. M., Ludington, Mich.
Mason City and Fort Dodge RR.,
C. C. Burdick, G. M., Mason City, Ia.
Mason County Central RR.,
W. H. Kneeland, Supt., Shelton, Wash.
Maxton, Alma and Rowland RR.,
E. S. Lathrop, G. S., Alma, N. C.
Mecosta RR.,
Jno. McNaughton, G. M. & Supt., Big Rapids, Mich.
Meherring Valley RR.,
Chas. Ehrhart, Hicksford, Va.
Memphis and Charleston RR.,
R. B. Pegram, Supt., Memphis, Tenn.
Meriden, Waterbury and Connecticut River RR.,
C. M. Crawford, Supt., Meriden, Conn.
Mexican Central Ry. (Limited),
E. W. Jackson, G. M., City Mex., Mex.
Mexican International RR.,
L. M. Johnson, G. M., Crudad Perfirio Diaz, Mex.
Mexican National RR.,
T. D. Kline, G. M., San Luis Potosi, Mex.
Michigan Central RR.,
H. B. Ledyard, G. M., Detroit, Mich.
E. C. Brown, G. S., Detroit, Mich.
Michoacan and Pacific Ry.,
George G. Baird, G. M., Maravatio, Mex.
Le R. Gordon, G. S., Maravatio, Mex.
Middleburg and Scoharie RR.,
P. S. Danforth, Supt., Middleburg, N. Y.
Midland Ry.,
H. Crawford, Jr., G. M., Chicago, Ill.
Midville, Swainsboro and Red Bluff RR.,
Jesse Thompson, G. M., Augusta, Ga.
F. C. Brannan, G. S., Midville, Ga.
Milwaukee and Northern RR.,
C. F. Dutton, G. M., Milwaukee, Wis.
H. M. Bell, Supt., Green Bay, Wis.
Milwaukee, Lake Shore and Western Ry.,
H. F. Whitcomb, G. M., Milwaukee, Wis.
Milwaukee, Menomonee Falls and Western Ry.,
Sam Mills, Supt., Waukesha, Wis.
Minden RR.,
R. P. Boyle, Supt., Minden, La.
Mineral Range RR.,
C. A. Wright, G. M., Hancock, Mich.
Minneapolis and St. Louis Ry.,
W. H. Truesdale, G. M., Minneapolis, Minn.
T. E. Clarke, Gen. Supt., Minneapolis, Minn.
Minneapolis, Lyndale and Minnetonka Ry.,
C. G. Goodrich, G. M., Minneapolis, Minn.
W. J. Heild, Supt., Minneapolis, Minn.
Minneapolis, St. Paul and Sault Ste. Marie Ry.,
F. D. Underwood, G. M., Minneapolis, Minn.
Minneapolis Union Ry.,
H. V. Dougan, Supt., Minneapolis, Minn.
Mississippi River and Bonne Terre Ry.,
James B. Wilde, G. M., Bonne Terre, Mo.
J. Burns, G. S., Bonne Terre, Mo.
Mississippi River and Northwestern RR.,
Geo. M. Babcock, G. M., Arkansas City, Ark.
A. Kimball, G. S., Arkansas City, Ark.
Missouri, Kansas and Texas Ry.,
J. J. Frey, G. S., Sedalia, Mo.
Missouri Pacific Ry. System,
S. H. H. Clark, G. M., St. Louis, Mo.
A. W. Dickenson, G. S., St. Louis, Mo.
Missouri Southern RR.,
J. L. Clarkson, Jr., G. M., Leeper, Mo.
Mobile and Ohio RR.,
J. C. Clarke, G. M., Mobile, Ala.
D. McLaren, G. S., Mobile, Ala.
Mobile and Spring Hill RR.,
R. K. Warren, G. M., Mobile, Ala.
Monongahela Connecting RR.,
W. C. Quincy, G. M., Pittsburgh, Pa.
Monson RR.,
J. F. Kimball, G. M., Lowell, Mass.
W. L. Estabrook, Supt., Monson, Me.
Mont Alto RR.,
G. B. Wiestling, Supt., Mont Alto, Pa.
Montana Central Ry.,
A. L. Mohler, G. M., St. Paul, Minn.
Montana Union Ry.,
W. H. Baldwin, Jr., G. M., Butte, Mont.
Monterey and Mexican Gulf RR.,
J. A. Robertson, G. M., Monterey, Mex.
John Grace, Gen. Supt., Monterey, Mex.
Montgomery, Tuscaloosa and Memphis RR.,
B. Dunham, Supt., Montgomery, Ala.
Montour RR.,
T. A. Andrews, G. M., Pittsburgh, Pa.
Wm. Bald, G. S., Imperial, Pa.

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Montpelier and Wells River RR.,
W. A. Stowell, Supt., Montpelier, Vt.
Montrose Ry.,
T. G. Walter, G. S., Tunkhannock, Pa.
Morris County RR.,
G. L. Bryant, Supt., High Bridge, N. J.
Moshassuck Valley RR.,
Geo. M. Clarke, G. S., Saylesville, R. I.
Mount Hope Mineral RR.,
Samuel Davis, Supt., Port Oram, N. J.
Mount Jewett, Kinzua and Riterville RR.,
Tom M. McClellan, Supt., Mt. Jewett, Pa.
Mount Oliver Incline Ry.,
M. S. Holden, G. S., Pittsburgh, Pa.
Mount Washington RR.,
Walter Aiken, G. M., Franklin, N. H.
Nantucket RR.,
P. H. Folger, Supt., Boston, Mass.
Narragansett Pier RR.,
G. T. Lanphear, Supt., Peacedale, R. I.
Nashville and Knoxville RR.,
A. L. Crawford, G. M., Lebanon, Tenn.
Nashville and Tellico RR.,
R. L. Bright, G. M., Chattanooga, Tenn.
J. D. Bright, G. S., Athens, Tenn.
Nashville, Chattanooga and St. Louis Ry.,
J. W Thomas, G. M., Nashville, Tenn.
M. J. C. Wrenne, G. S., Nashville, Tenn.
Nashville, Florence and Sheffield RR.,
James Geddes, G. S., Columbia, Tenn.
Natchez, Red River and Texas RR.,
H. R. Steele, G. M., Vidalia, La.
G. W. Quarles, Supt., Vidalia, La.
Natchitoches RR.,
L. Caspari, G. M. & G. S., Natchitoches, La.
National City and Otay RR.,
Geo. J. Lockie, Act. G. M., National City, Cal.
Nevada-California-Oregon Ry.,
E. Gest, Mgr., Reno, Nev.
Nevada Central Ry.,
C. W. Hinchcliffe, G. S., Austin, Nev.
Nevada County Narrow-Gauge RR.
Jno. F. Kidder, G. M., Grass Valley, Cal.
E. H. Brown, Supt., Grass Valley, Cal.
New Brunswick Ry.,
F. W. Cram, G. M., St. John, N. B.
Newburg, Dutchess and Connecticut RR., and Clove Branch RR.,
C. L. Kimball, G S., Matteawan, N. Y.
New Castle RR. (and Mining Co.),
Geo. Pearson, G. M., New Castle, Pa.
New Castle and Butler RR.,
G. W. Johnson, G. M., New Castle, Pa.
W. H. Marquis, Supt., New Castle, Pa.
Newfoundland Ry.,
E. H. Saville, G. M., St. John, Newfoundland.
New Hanover Transit Co.'s RR.,
J. W. Harper, G. M., Wilmington, N. C.
Jas. Nolan, Supt., Wilmington, N. C.
New Jersey and New York RR.,
J. D. Hasbrouck, G. M., Westwood, N. J.
J. S. Drake, Supt., Hillsdale, N. J.
New London Northern RR.,
C. F. Spaulding, Supt., New London, Conn.
New Orleans and Carrollton RR.,
C. V. Haile, Supt., New Orleans, La.
New Orleans and Gulf RR.,
M. R. Spelman, G. M., New Orleans, La.
New Orleans and Northeastern RR.,
A. Clark, Supt., New Orleans, La.
New Orleans, Fort Jackson and Grand Isle RR.,
Chas. S. Dwight, Supt., New Orleans, La.
Newport and Wickford RR.,
J. B. Gardiner, G. S., Providence, R. I.
New York and Long Branch RR.,
R. Blodgett, Supt., Long Branch, N. J.
New York and Massachusetts RR.,
J. A. Perkins, G. S., Poughkeepsie, N. Y.
New York and New England RR.,
Chas. Howard, G. M., Boston, Mass.
A. A. Jackson, G. S., Boston, Mass.
New York and Northern RR.,
H. H. Vreeland, G. S., High Bridge, N. Y.
New York and Rockaway Beach Ry.,
I. D. Barton, G. S., Long Island City, N. Y.
New York and Sea Beach Ry.,
F. Jacobus, Supt., Bay Ridge, L. I.

New York, Central and Hudson River RR.,
John M. Toucey, G. M., New York, N. Y.
Theodore Voorhees, G. S., New York, N. Y.
New York, Chicago and St. Louis RR.,
L. Williams, G. S., Cleveland, O.
New York, New Haven and Hartford RR.,
Lucius Tuttle, G. M., New Haven, Conn.
New York, Ontario and Western RR.,
J. E. Childs, G. M., New York, N. Y.
New York, Philadelphia and Norfolk RR.,
H. W. Dunne, Supt., Cape Charles, Va.
New York, Providence and Boston RR.,
J. W. Miller, G. M., New York, N. Y.
J. B. Gardiner, Supt., Providence, R. I.
New York, Susquehanna and Western RR.,
C. D. McKelvey, G. S., Jersey City, N. J.
New York, Texas and Mexican Ry.,
J. Kruttschnitt, G. M., Houston, Tex.
M. D. Monserrate, G. S., Cuero, Tex.
Niagara Central RR.,
John Vandenburgh, G. S., St. Catharines, Ont.
Norfolk and Carolina RR.,
G. M. Serpell, G. M., Norfolk, Va.
Norfolk and Virginia Beach RR.,
J. M. Dickey, G. S., Norfolk, Va.
Norfolk and Western RR.,
Jos. H. Sands, G. M., Roanoke, Va.
Norfolk Southern RR.,
M. K. King, G. M., Norfolk, Va.
Northern and Western Ry.,
A. Gibson, Mgr., Marysville, N. B.
Thos. Hoben, Supt., Gibson, N. B.
Northern Adirondack RR.,
M. Callahan, G. S., St. Regis Falls, N. Y.
Northern California RR.,
A. J. Binney, G. M., Marysville, Cal.
Northern Central Ry.,
Charles E. Pugh, G. M., Philadelphia, Pa.
Robt. Neilson, G. S., Williamsport, Pa.
Northern Pacific RR.,
W. S. Mellen, G. M., St. Paul, Minn.
M. C. Kimberly, G. S., St. Paul, Minn.
Northern Pacific and Manitoba RR.,
J. M. Graham, G. M., Winnipeg, Man.
North Pacific Coast RR.,
John W. Coleman, G. M., San Francisco, Cal.
E. H. Shoemaker, Supt., Saucelito, Cal.
Northwest and Florida RR.,
B. Dunham, G. S., Montgomery, Ala.
Ocean View RR.,
Stacy Van Amringe, G. M. & G. S., Wilmington, N. C.
Ohio and Big Sandy RR.,
Jay H. Northrup, Supt., Ashland, Ky.
Ohio and Mississippi Ry.,
Jno. F. Barnard, G. M., Cincinnati, O.
C. C. F. Bent, Supt., Cincinnati, O.
Ohio and Northwestern RR.,
S. Hunt, G. M., Cincinnati, O.
Ohio, Indiana and Western Ry.,
J. A. Barnard, G. M., Indianapolis, Ind.
A. G. Wells, G. S., Indianapolis, Ind.
Ohio Southern Ry.,
C. E. Henderson, G. M., Indianapolis, Ind.
W. H. Van Tassel, G. S., Springfield, O.
Ohio Valley Ry.,
Jas. Montgomery, G. S., Evansville, Ind.
Old Colony RR.,
J. R. Kendrick, G. M., Boston, Mass.
Olympia and Chehalis Valley RR.,
N. Lawson, G. S., Olympia, Wash.
Omaha and St. Louis Ry.,
F. M. Gault, G. M., Council Bluffs, Iowa.
A. E. Buchanan, Supt., Stanberry, Mo.
Orange Belt Ry.,
Wm. Macirod, G. M., Oakland, Fla.
A. J. Grant, Supt., Oakland, Fla.
Oregon and California RR.,
J. Brandt, G. S., San Francisco, Cal.
Oregon and Washington Territory RR.,
G. W. Hunt, Walla Walla, W. T.
Oregonian Ry. (Limited),
Chas. N. Scott, G. M., Portland, Ore.
H. W. Goddard, Supt., Portland, Ore.
Oregon Pacific RR.,
Wm. M. Hoag, G. M., Corvallis, Ore.
Orlando and Winter Park Ry.,
J. H. Abbott, Supt., Winter Park, Fla.

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Ottumwa and Kirkville RR.,
H. L. Waterman, G. M., Kirkville, Ia.
Owensboro and Nashville Ry.,
J. G. Metcalfe, G. M., Louisville, Ky.
J. W. Logsdon, Supt., Russellville, Ky.
Owensboro Falls of Rough and Green River RR.,
R. S. Triplett, G. M., Owensboro, Ky.
Oxford and Henderson RR.,
James A. White, G. S., Oxford, N. C.
Pacific and Great Eastern Ry.,
Geo. S. Albright, G. M., Fayetteville, Ark.
Pacific Coast Ry.,
J. M. Fillmore, G. M., San Luis, Obispo, Cal.
Palmetto RR.,
Wm. Moncure, G. S., Hamlet, N. C.
Panama RR.,
A. L. Rives, G. S., Aspinwall, Colon, U. S. C.
Pasadena RR.,
A. Bellanahar, G. M., Pasadena, Cal.
Peach Bottom RR.,
G. R. Dickey, Supt., Oxford, Pa.
Pennsboro and Harrisville, Ritchie County Ry.,
M. P. Kimball, G. M., Pennsboro, W. Va.
Pennsylvania and Northwestern RR.,
W. A. Ford, Supt., Bellwood, Pa.
Pennsylvania Company's System,
Joseph Wood, G. M., Pittsburgh, Pa.
Chas. Watts, G. S., Northwest System, Pittsb., Pa.
John F. Miller, G. S., Southwest System, Colum., O.
Pennsylvania RR.
Charles E. Pugh, G. M., Philadelphia, Pa.
Frank L. Sheppard, G. S., Altoona, Pa.
Pennsylvania, Poughkeepsie and Boston RR.,
H. H. Kingston, G. M., Philadelphia, Pa.
C. H. Stanton, G. S., Deckertown, N. Y.
Pensacola and Andalusia RR.,
John McDavid, G. M., Escambia, Fla.
Henry McDavid, Supt., Chumuckla, Fla.
Pensacola and Atlantic RR.,
J. G. Metcalfe, G. M., Louisville, Ky.
E. H. Saltmarsh, Supt., Pensacola, Fla.
Pensacola and Perdido RR.,
B. F. Simmons, Supt., Pensacola, Fla.
People's Ry.,
W. D. Pollard, Supt., Pottsville, Pa.
Peoria and Pekin Union Ry.,
M. S. Connors, G. S., Peoria, Ill.
Peoria, Decatur and Evansville Ry.,
W. D. Ewing, G. M., Evansville, Ind.
Peoria Terminal Ry.,
D. P. Phelps, G. M., Monmouth, Ill.
Perkiomen RR.,
D. B. Clack, Supt., Perkiomen Jc., Pa.
Perry County RR.,
James Elliott, Supt., New Bloomfield, Pa.
Petersburg RR.,
E. T. D. Myers, G. S., Richmond, Va.
Philadelphia and Erie RR.,
Robert Neilson, G. S., Williamsport, Pa.
Philadelphia and Reading RR.,
A. A. McLeod, G. M., Philadelphia, Pa.
I. A. Sweigard, G. S., Philadelphia, Pa.
Philadelphia, Newtown and New York RR.,
W. M. Geary, Philadelphia, Pa.
Philadelphia, Wilmington and Baltimore RR.,
Chas. E. Pugh, G. M., Philadelphia, Pa.
H. F. Kenney, G. S., Philadelphia, Pa.
Pine Bluff, Monroe and New Orleans RR.,
Ben Buck, Mgr., Pine Bluff, Ark.
J. R. Taylor, Supt., Pine Bluff, Ark.
Pittsburgh and Castle Shannon RR.,
John Jahn, Supt., Pittsburgh, Pa.
Pittsburgh and Lake Erie RR.
John Newell, G. M., Chicago, Ill.
G. M. Beach, G. S., Pittsburgh, Pa.
Pittsburgh and Western RR.,
M. A. McDonald, G. M., Allegheny, Pa.
Pittsburgh, Chartiers and Youghiogheny RR.,
G. S. Davison, Supt., McKee's Rocks, Pa.
Pittsburgh, Cincinnati and St. Louis RR.,
J. J. Turner, Supt., Pittsburgh, Pa.
Pittsburgh, Marion and Chicago Ry.,
N. F. Wood, G. M., New Lisbon, O.
Pittsburgh, Shenango and Lake Erie RR.,
J. T. Blair, G. M., Greenville, Pa.
Pontiac, Oxford and Port Austin RR.,
Chas. H. Stone, G. M., New York, N. Y.
J. Houston, G. S., Pontiac, Mich.
Pontiac Pacific Junction Ry.,
J. T. Prince, Supt., Aylmer, P. Q.
Port Jervis, Monticello and New York RR.,
B. Ryall, G. M., Port Jervis, N. Y.
Portland and Rochester RR.,
J. W. Peters, Supt., Portland, Me.
Portland and Vancouver RR.,
C. C. Grimes, Supt., East Portland, Ore.
Portland and Willamette Valley RR.,
R. Koehler, G. M., Portland, Ore.
John McGuire, Supt., Portland, Ore.
Potomac, Fredericksburg and Piedmont RR.,
W. H. Richards, G. M., Fredericksburg, Va.
Prescott and Arizona Central RR.,
Thos. S. Bullock, G. M., New York, N. Y.
W. B. Jones, G. S., Prescott, Ariz.
Profile and Franconia Notch RR.,
C. H. Greenleaf, Supt., Profile House, N. H.
Prospect Park and Coney Island RR.,
R. Schermerhorn, Supt., Brooklyn, N. Y.
Providence and Springfield RR.,
Wm. Tinkham, G. M., Providence, R. I.
Providence, Warren and Bristol RR.,
J. R. Kendrick, G. M., Boston, Mass.
I. N. Marshall, Supt., Boston, Mass.
Puget Sound Shore RR.,
I. A. Nadeau, Mgr., Seattle, W. T.
Quebec and Lake St. John Ry.,
J. G. Scott, Mgr., Quebec, Que.
Quebec Central Ry.,
Frank Grundy, G. M., Sherbrooke, Que.
A. Steele, Supt., Sherbrooke, Que.
Quebec, Montmorency and Charlevoix Ry.,
W. R. Russell, Supt., Quebec, Que.
Queen and Crescent System,
Richard Carroll, G. M., Cincinnati, O.
Quincy, Omaha and Kansas City Ry.,
Amos Green, G. M., Quincy, Ill.
F. D. Schermerhorn, Supt., Quincy, Ill.
Raleigh and Augusta Air Line RR.,
Jno. C. Winder, G. M., Raleigh, N. C.
L. T. Myers, G. S., Portsmouth, Va.
Raleigh and Gaston RR.,
Jno. C. Winder, G. M., Raleigh, N. C.
L. T. Myers, G. S., Portsmouth, Va.
Raritan River RR.,
Carroll T. Hobart, G. M. & G. S., Red Bank, N. J.
Reading and Columbia RR.,
A. A. McLeod, G. M., Philadelphia, Pa.
I. A. Sweigard, G. S., Philadelphia, Pa.
Reynoldsville and Falls Creek RR.,
S. B. Elliott, G. M., Reynoldsville, Pa.
Geo. Mellinger, G. S., Reynoldsville, Pa.
Richmond and Danville RR.,
Peyton Randolph, G. M., Washington, D. C.
W. H. Green, G. S., Washington, D. C.
Richmond and Petersburg RR.,
E. T. D. Myers, Richmond, Va.
Richmond, Fredericksburg and Potomac RR.,
E. T. D. Myers, G. S., Richmond, Va.
Rio Grande RR.,
Simon Celoya, G. M., Brownsville, Tex.
Rio Grande and Eagle Pass Ry.,
W. L. Giddens, G. M., Laredo, Tex.
Rio Grande Western RR.,
D. C. Dodge, G. M., Denver, Col.
Wm. H. Bancroft, G. S., Salt Lake City, Utah.
Ripley and Mill Creek Valley RR.,
Geo. W. Thompson, G. M. & Supt., Parkersburg, W. Va.
Rochester and Lake Ontario RR.,
N. H. Galusha, G. M., Rochester, N. Y.
Rochester, Hornellsville and Lackawanna RR.,
W. H. Badger, G. S., Hornellsville, N. Y.
Rock Island and Peoria Ry.,
H. A. Sudlow, Supt., Rock Island, Ill.
Rockport RR.,
P. J. Carleton, G. M., Rockport, Me.
H. L. Shepherd, G. S., Rockport, Me.
Rome RR. (Ga.),
George D. Lawrence, Supt., Rome, Ga.
Rome, Watertown and Ogdensburg RR.,
E. S. Bowen, G. M., Oswego, N. Y.
Rumford Falls and Buckfield RR.,
L. L. Lincoln, G. S., Canton, Me.
St. Augustine and Palatka RR.,
W. J. Jarvis, Supt., Palatka, Fla.
St. Augustine and South Beach Ry,
Allen Wood, G. M., St. Augustine, Fla.

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St. Cloud Sugar Belt Ry.,
T. S. Tutwiler, G. S., Kissimmee, Fla.
St. Croix and Penobscot RR.,
S. W. Haycock, Supt., Calais, Me.
St. John's Ry.,
W. J. Jarvis, G. S., St. Augustine, Fla.
St. Johns and Halifax RR.,
U. J. White, G. M., Palatka, Fla.
E. S. Spencer, G. S., Palleston, Fla.
St. Johnsbury and Lake Champlain RR.,
H. E. Folsom, Supt., Lyndonville, Vt.
St. Joseph and Grand Island RR.,
Edward McNeill, G. M., St. Joseph, Mo
St. Joseph Valley Ry.,
Fred. McOmber, Berrien Springs, Mich
St. Louis, Alton and Springfield RR.,
H. A. Fisher, G. M., Springfield, Ill.
St. Louis, Alton and Terre Haute RR.,
Geo. W. Parker, G. M., St. Louis, Mo.
W. S. Wilson, Supt., Belleville, Ill.
St. Louis and Chicago Ry.,
D. L. Wing, G. M., Springfield, Ill.
L. S. Graves, G. S., Springfield, Ill.
St. Louis and Hannibal RR.,
E. C. Case, G. M., Hannibal, Mo.
St. Louis and San Francisco Ry.,
H. L. Morrill, G. M., St. Louis, Mo.
F. E. Merrill, Acting G. S., Springfield, Mo.
St. Louis, Arkansas and Texas Ry.,
W. B. Doddridge, G. M., St. Louis, Mo.
H. G. Fleming, Supt., Texarkana, Tex.
St. Louis Cable and Western Ry.,
F. M. Colburn, G. M., St. Louis, Mo.
St. Louis, Des Moines and Northern Ry.,
L. M. Martin, G. S., Des Moines, Ia.
St. Louis, Kansas City and Colorado RR.,
S. T. Emerson, Supt., St. Louis, Mo.
St. Louis, Keokuk and Northwestern RR.,
C. M. Levey, G. S., Keokuk, Ia.
St. Louis Merchants' Bridge Terminal Ry.,
H. W. Gays, G. M., St. Louis, Mo.
St. Louis, Sturgis and Battle Creek RR.,
W. I. Fox, Supt., Battle Creek, Mich.
St. Louis Transfer RR.,
C. H. Sharman, Mgr., St. Louis, Mo.
St. Paul and Duluth RR.,
A. B. Plough, G. M., St. Paul, Minn.
G. F. Copeland, Supt., St. Paul, Minn.
St. Paul Union Depot Co.,
C. B. Brunson, Supt., St. Paul, Minn.
Saginaw, Tuscola and Huron RR.,
M. Van Meredith, G. S., East Saginaw, Mich.
Salisbury and Harvey Ry.,
Chas. R. Scoles, G. M., Hillsboro, N. B.
Salt Lake Valley and Eastern Ry.,
David MacKenzie, Sioux City, Ia.
San Antonio and Aransas Pass RR.,
B. F. Yoakum, G. M., San Antonio, Tex.
C. A. Merriam, G. S., San Antonio, Tex.
Sandersville and Tennille RR.,
J. Irwin, G. S., Sandersville, Ga.
Sandy River RR.,
N. B. Beal, Supt., Phillips, Me.
San Francisco and North Pacific RR.,
Henry C. Whiting, G. M., San Francisco, Cal.
W. G. Corbaley, Supt., San Rafael, Cal.
San Pere Valley RR.,
S. Bamberger, G. M., Salt Lake City, U. T.
H. S. Kerr, Supt, Wales, U. T.
Santa Fé Southern Ry.,
L. M. Melly, G. M., Santa Fé, N. M.
Chas. Johnson, G. S., Santa Fé, N. M.
Sault Ste. Marie and Southwestern Ry.,
N. C. Foster, G. M., Fairchild, Wis.
E. J. Foster, G. S., Fairchild, Wis.
Savannah, Americus and Montgomery RR.,
W. N. Marshall, G. S., Americus, Ga.
Savannah and Tybee RR.,
D. G. Purse, Mgr., Savannah, Ga.
Savannah, Florida and Western Ry.,
H. S. Haines, G. M., Savannah, Ga.
R. G. Fleming, Supt., Savannah, Ga.
Schoharie Vy. RR.,
C. P. Vroman, G. M., Schoharie, N. Y.
Seaboard and Roanoke RR.,
John M. Robinson, G. S., Baltimore, Md.
Seabord and Roanoke RR.
Jno. C. Winder, G. M., Raleigh, N. C.
L. T. Meyers, G. S., Portsmouth, Va.
Seattle, Lake Shore and Eastern Ry.,
F. W. Dunn, Act. Supt., Seattle, Wash.
Sea View RR.,
J. L. Morrow, G. S., Flatbush, N. Y.
Sebasticook and Moosehead RR.,
F. E. McIntosh, Supt., Hartland, Me.
Sharpsville RR.,
J. V. Patton, G. M., Baltimore, Md.
Wm. Truay, Supt., Sharpesville, Pa.
Shelby Iron Company's RR.,
H. R. Stoughton, G. M., Shelby, Ala.
J. T. Bostock, G. S., Shelby, Ala.
Shenandoah Valley RR.,
David W. Flickwir, Supt., Roanoke, Va.
Shepaug, Litchfield and Northern RR.,
Alex. McNeill, Supt., Litchfield, Conn.
Ship Island, Ripley and Kentucky RR.,
C. L. Harris, G. S., Ripley, Miss.
Silver Lake RR.,
Harry Yates, G. S., Rochester, N. Y.
Silver Springs, Ocala and Gulf RR.,
A. P. Man, Jr., G. M., Ocala, Fla.
Silverton RR.,
Otto Mears, G. M., Denver, Col.
Moses Liverman, Supt., Silverton, Col.
Sinaloa and Durango RR.,
Geo. R. Douglass, G. S., Culican, Mex.
Sinnemahoning Valley Ry.,
G. A. Caldwell, G. S., Austin, Pa.
Sioux City and Northern RR.,
F. C. Hills, G. M., Sioux City, Ia.
Skaneateles RR.,
J. McNamara, G. M. & G. S., Skaneatles, N. Y.
Slate Run RR.,
E. C. Rodman, G. S., Slate Run, Pa.
Somerset Ry.,
W. M. Ayer, Supt., Oakland, Me.
Somerset County RR.,
Joseph Schaetzle, Supt., Confluence, Pa.
Sonora and New Mexico and Arizona RRs.,
A. A. Robinson, G. M., Topeka, Kan.
South Atlantic and Ohio RR.,
H. W. Bates, G. M., Bristol, Tenn.
John Jenkins, Supt., Bristol, Tenn.
South Carolina Ry.,
C. M. Ward, G. M., Charleston, S. C.
Southern California Ry.,
K. H. Wade, G. M., Los Angelos, Cal.
Southern Pacific Co. (Atlantic System),
J. Kruttschnitt, G. M., New Orleans, La.
Southern Pacific Co. (Pacific System),
A. N. Towne, G. M., San Francisco, Cal.
J. A. Fillmore, G. S., San Francisco, Cal.
Southfield Branch RR.,
A. W. Humphreys, Supt., New York, N. Y.
South Florida RR.,
James E. Ingraham, G. M., Sanford, Fla.
B. R. Swoope, Supt., Sanford, Fla.
South Manchester RR.,
R. O. Cheney, G. M., South Manchester, Conn.
South Mountain RR.,
W. H. Woodward, G. S., Carlisle, Pa.
South Sioux Falls Ry.,
S. L. Tate, G. M., Sioux Falls, So. Dak.
J. C. Barton, Supt., Sioux Falls, So. Dak.
Southwestern of Kentucky,
J. C. Hooe, Supt., Harrodsburg, Ky.
Springville and Sardinia RR.,
B. Chaffee, G. M., Springville, N. Y.
Staten Island Rapid Transit RR.,
Frank S. Gannon, G. S., New York, N. Y.
Sterling Mountain Ry.,
A. W. Humphreys, G. M., New York, N. Y.
E. B. Wilson, Supt., Sterlington, N. Y.
Stewartstown RR.,
Jas. Fulton, G. M., Stewartstown, Pa.
Stony Clove and Catskill Mountain RR.,
Geo. Coykendall, G. S., Rondout, N. Y.
Stony Creek RR.,
Geo. B. Boggs, Supt., Norristown, Pa.
Sturgis Goshen and St. Louis Ry.,
W. I. Fox, G. S., Battle Creek, Mich.
Suburban Rapid Transit Co.,
E. B. Weimore, Supt., New York, N. Y.
Suffolk and Caroline RR.,
C. H. Jones, Jr., G. M., Suffolk, Va.
Suffolk Lumber Co's RR.,
W. M. Whaley, G. M., Suffolk, Va.

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Suwanee River Ry.,
W. N. McCormick, G. S., Ellaville, Fla.
Sylvania R. R.,
John C. Dell, Mgr., Sylvania, Ga.
Syracuse and Baldwinsville R.R.,
F. F. Bentley, G. M., New York, N. Y.
Syracuse, Ontario and New York, R.R.,
J. D. Layng, G. M., New York, N. Y.
C. W. Bradley, G. S., Weehawken, N. J.
Talbotton R.R.,
S. W. Thornton, Supt., Talbotton, Ga.
Talladega and Coosa Valley RR.,
D. M. Rogers, G. M., Renfroe, Ala.
G. M. Mattison, Supt., Renfroe, Ala.
Tavares. and Gulf RR.,
W. B. Tucker, G. M., Tavares, Fla.
Tavares, Orlando and Atlantic RR.,
W. B. Tucker, G. S., Orlando Fla.
Temiscouata Ry.,
T. Crockett, G. M., Riv. du Loup, Que.
Tennessee and Ohio Ry.,
E. J. Sanford, G. M., Rogersville, Tenn.
F. W. Carnahan, Supt., Rogersville, Tenn.
Tennessee Central RR.,
Isaac Britton, G. S., Balta, Tenn.
Tennessee Midland Ry.,
Ben Wilson, G. M., Memphis, Tenn.
J. P. Meredith, Supt., Memphis, Tenn.
Terminal RR., Association of St. Louis.
Wm. Tausig, G. M., St. Louis, Mo.
Frank Stilwell, G. S., St. Louis, Mo.
Terre Haute and Indianapolis RR.,
J. G. Williams, G. M., Terre Haute, Ind.
Terre Haute and Peoria Ry.,
I. H. Burgoon, G. M., Decatur, Ill.
Texarkana and Fort Smith Ry.,
L. L. Keller, Supt., Texarkana, Tex.
Texas and New Orleans RR.,
J. Kruttschnitt, G. M., Houston, Tex.
W. G. Van Vleck, G. S., Houston, Tex.
Texas and Pacific Ry.,
John A. Grant, G. M., Dallas, Texas.
Texas Panhandle Route,
C. F. Meek, G. M., Denver, Col.
Texas, Sabine Valley and Northwestern Ry.,
Richard J. Evans, G. M., Longview, Texas.
Texas Transportation RR.,
Chas. Evershade, Supt., Houston, Tex.
Texas Trunk RR.,
Wm. G. Mowry, G. M., New York, N. Y.
J. D. Trammell, G. S., Dallas, Tex.
Texas Western Ry.,
John H. Gray, G. M., Houston, Tex.
Tionesta Valley RR.,
Isaac Horton, G. M., Sheffield, Pa.
Jerry Crary, G. S., Sheffield, Pa.
Tobacco Belt RR.,
W. S. Jordan, G. M., Madison, Fla.
Toledo and Ohio Central Ry.,
J. M. Ferris, G. M., Toledo, O.
T. M. Peelar, Supt., Toledo, O.
Toledo and Ohio Cent. Extension RR.,
T. D. Dale, G. M., Marietta, O.
Toledo and South Haven RR.,
Jas. G. Scott, G. M., South Bend, Ind.
John Ihling, Supt., Lawton, Mich.
Toledo, Ann Arbor and North Michigan Ry.,
H. W. Ashley, G. M., Toledo, O.
J. B. Conners, Supt., Owosso, Mich.
Toledo, Columbus and Cincinnati Ry.,
J. M. Ferris, G. M., Toledo, O.
H. A. Cooper, Supt., Toledo, O.
Toledo, Findlay and Springfield Ry.,
T. P. Brown, G. M., Toledo, O.
W. W. Haring, Supt., Bowling Green, O.
Toledo, Peoria and Western RR.,
E. P. Leonard, Mgr., Peoria, Ill.
E. N. Armstrong, G. S., Peoria, Ill.
Toledo, Saginaw and Muskegon Ry.,
W. J. Spicer, G. M., Detroit, Mich.
A. B. Atwater, Supt., Detroit, Mich.
Tonawanda Valley and Cuba RR.,
B. P. Humphrey, Supt., Attica, N. Y.
Troy and Tiptonville RR.,
J. L. Frazier, G. S., Louisville, Ky.
Tuckerton RR.,
H. N. Gilson, Supt., Tuckerton, N. J.
Tucson, Globe and Northern RR.,
W. W. Walker, G. M., Tucson, Ariz.

Ulster and Delaware RR.,
J. H. Jones, G. S., Rondout, N. Y.
Union Depot Co. of Kansas City,
C. S. Dunham, Supt., Kansas City, Mo.
Union Depot and RR. Co.,
W. B. Trufant, Supt., Denver, Col.
Union Freight RR.,
J. R. Kendrick, G. M., Boston, Mass.
A. H. Grovenor, Supt., Boston, Mass.
Union Pacific, Denver and Gulf RR.,
C. F. Meek, G. M., Denver, Col.
F. E. Bissell, Supt., Denver, Col.
United Railroads of N. J.
F. W. Jackson, G. S., Jersey City, N. J.
Vaca Vy. and Clear Lake RR.,
A. M. Stevenson, G. M., Vacaville, Cal.
G. B. Stevenson, Supt., Vacaville, Cal.
Valley Ry.,
Wm. Thornburgh, G. M., Cleveland, O.
Versailles and Midway RR.,
Thomas H. Hayes, G. M., Louisville, Ky.
Robert Wallace, Supt., Versailles, Ky.
Vicksburg, Shreveport and Pacific RR.,
W. W. Bond, Supt., Vicksburg, Mich.
Victoria and Western RR.,
H. R. Brown, Supt., Goshen, Va.
Virginia and Truckee RR.,
H. M. Yerington, G. S., Carson, Nev.
Visalia RR.,
R. E. Hyde, G. M., Visalia, Cal.
Wabash RR.,
Chas. M. Hays, G. M., St. Louis, Mo.
H. L. Magee, G. S., St. Louis, Mo.
Wabash, Chester and Western RR.,
C. B. Cole, G. M., Chester, Ill.
J. R. Hawkins, Supt., Chester, Ill.
Wallkill Valley RR.,
J. D. Layng, G. M., New York, N. Y.
C. W. Bradley, G. S., Weehawken, N. J.
Warren and Farnsworth RR.,
A. D. Wood, G. M., Warren, Pa.
Washington and Potomac RR.,
W. L. Thompson, G. M., Brandywine, Md.
Waterloo and Magog Ry.,
J. B. Fitzroye, Supt., St. John, P. Q.
Waynesburg and Washington RR.,
C. E. Bower, Supt., Waynesburg, Pa.
Webster City and Southwestern RR.,
W. C. Wilson, G. M., Lehigh, Ia.
Western and Atlantic RR.,
R. A. Anderson, G. M., Atlanta, Ga.
Western Counties Ry.,
James Brignell, Supt., Yarmouth, N. S.
Western Maryland RR.,
J. M. Hood, G. M., Baltimore, Md.
Western New York and Pennsylvania RR.,
Robert Bell, G. S., Buffalo, N. Y.
Western Ry. of Alabama and
Atlanta and West Point RR.,
Edmund L. Tyler, G. M., Atlanta, Ga.
Western of Florida,
O. A. Budington, G. M., Green Cove Springs, Fla.
L. E. Barker, G. S., Green Cove Springs, Fla.
West Jersey RR.,
Chas. E. Pugh, G. M., Philadelphia, Pa.
A. O. Dayton, Supt., Camden, N. J.
Weston and Buckhannon RR.,
A. H. Kunst, G. M., Weston, W. Va.
West Shore RR.,
J. D. Layng, G. M., New York, N. Y.
C. W. Bradley, G. S., Weehawken, N. J.
West Virginia Central and Pittsburg RR.,
C. L. Bretz, G. M., Cumberland, Md.
Wheeling and Elm Grove RR.,
Charles Hirsch, Supt., Wheeling, W. Va.
Wheeling and Lake Erie Ry.,
M. D. Woodford, G. M., Toledo, O.
White and Black River Valley Ry.,
W. J. Thompson, G. M., Little Rock, Ark.
J. T. Flynn, G. S., Newport, Ark.
Wichita and Western RR.,
D. H. Rhodes, Supt., Wichita, Kan.
Wiggins Ferry Co.,
H. W. Gays, Mgr., St. Louis, Mo.
Wilkesbarre and Western RR.,
S. H. Hicks, G. M. & Supt., Philadelphia, Pa.
Williamsport and North Branch RR.,
Benj. G. Welch, G. M., Hughesville, Pa.

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Wilmington and Northern RR.,
A. G. McCausland, Supt., Wilmington, Del.
Wilmington and Sea Coast RR.,
J. R. Nolan, G. M., Wilmington, N. C.
Wilmington and Weldon RR.,
Wilmington, Columbia and Augusta RR.,
H. Walters, G. M., Wilmington, N. C.
John F. Divine, G. S., Wilmington, N. C.
Wilmington, Chadbourn and Conway Ry.,
James H. Chadbourn, Jr., Supt., Chadbourn, N. C.
Windsor and Annapolis Ry.,
J. W. King, G. M., Kentville, N. S.
Winifrede RR.,
R. B. Cassady, G. S., Winifrede, W. Va.
Winona and Southwestern RR.,
D. M. Wheeler, Supt., Winona, Minn.
Wisconsin Central Line,
S. R. Ainslie, G. M., Milwaukee, Wis.
Gavin Campbell, G. S., Milwaukee, Wis.

Wisconsin, Pittsville and Superior Ry.,
Geo. Hiles, G. M., Milwaukee, Wis.
James Hiles, G. S., Dexterville, Wis.

Wood River Branch RR.,
L. M. Barber, G. S., Hope Valley, R. I.

Woodstock RR.,
C. P. Marsh, G. M., Woodstock, Vt.
James G. Porter, G. S., Woodstock, Vt.

Worcester and Shrewsbury RR.,
Irving E. Bigelow, G. S., Worcester, Mass.

Youghiogheny RR.,
John F. Wolf, Supt., Irwin's, Pa.

Zanesville & Ohio River RR.,
G. F. Gardner, Supt., Zanesville, O.

Zealand Valley RR.,
E.G. Henry, G. M. & Supt., Zealand, N. H.

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CHIEF ENGINEERS.

Special List of Chief Engineers of all Railroads given in List of Officials, Preceding.

Abbotsford and Northeastern RR.,
Linton Williams, Athens, Wis.
Addyston and Ohio River RR.,
A. K. Harvay, Cincinnati, O.
Adirondack Ry.,
A. J. Swift, Albany, N. Y.
Alabama Midland Ry.,
C. M. Craig, Montgomery, Ala.
Alameda County Terminal Ry.,
A. C. Rumble, Oakland, Cal.
Allegheny and Kinzua RR.,
W. D. Parsons, New York, N. Y.
Allegheny Valley RR.,
Frank M. Ashmead, Res. Eng., Pittsburgh, Pa.
Anniston and Atlantic,
Cecil Frazer, Anniston, Ala.
Arizona and New Mexico RR.,
Andrew B. Ferrie, Clifton, Ariz.
Astoria and South Coast RR.,
Henry B. Thielson, Astoria, Ore.
Atchison, Topeka and Santa Fé RR.,
A. A. Robinson, Topeka, Kan.
Atlantic City Ry.,
H. K. Nicholls, Philadelphia, Pa.
Atlantic Coast Line,
B. R. Dunn, Eng. of R'way, Wilmington, N. C.
Atlantic and Pacific RR.,
S. M Rowe, Albuquerque, N. M.
Augusta, Gibson and Sandersville RR.,
Hamilton Wilkins, Augusta, Ga.
Au Sable and Northwestern RR.
James F. Wilson, Potts, Mich.
Baie des Chaleurs RR.,
A. L. Light, Quebec, Que.
Baltimore and Drum Point RR.,
N. Goldsborough, Baltimore, Md.
Baltimore and Eastern Shore RR.,
C. R. Howard, Easton, Md.
Baltimore and Ohio RR.,
H. T. Douglass, Baltimore, Md.
Bangor and Portland RR.,
E. G. Wire, Belvidere, N. J.
Bath and Hammondsport RR.,
Walter Patison, Hammondsport, N. Y.
Beech Creek RR.,
J. B. McIntyre, Engr., Jersey Shore, Pa.
Bellaire, Zanesville and Cincinnati Ry.,
J. K. Geddes, Zanesville, O.
Bloomsburg and Sullivan RR.
John A. Wilson, Philadelphia, Pa.
Bodie and Benton Ry. and Commercial Co.,
Thomas Holt, Engr., Bodie, Cal.
Boston and Albany RR.,
W. H. Russell, Springfield, Mass.
Boston and Maine RR.,
H. Bissell, Boston, Mass.
Brantford, Waterloo and Lake Erie RR.,
H. D. Wickestend, Brantford, Ont.
Bridgton and Saco River RR.,
S. L. Stevenson, Gorham, Me.
Brigantine Beach RR.,
Edmund C. Stout, New York, N. Y.
Brookfield RR.,
W. T. Randall, Oneida, N. Y.
Brooklyn Elevated RR.,
O. F. Nicholls, Brooklyn, N. Y.
Brunswick and Western RR.,
W. B. W. Howe, Jr., Savannah, Ga.
Buffalo and Geneva RR.,
Paul S. King, Buffalo, N. Y.
Buffalo Run, Bellefonte and Bald Eagle RR.,
R. H. Beal, Bellefonte, Pa.
Buffalo, Rochester and Pittsburgh RR.,
W. E. Hoyt, Rochester, N. Y.
Burlington and Missouri River RR. in Neb.,
I. S. P. Weeks, Lincoln, Neb.
Burlington, Cedar Rapids and Northern Ry.,
H. F. White, Cedar Rapids, Ia.
Cahaba Coal Mining Co.'s RR.,
A. W. Haskell, Blocton, Ala.
California and Nevada Ry.,
C. Bendeke, Oakland, Cal.
California Short Line Ry.,
H. S. Kerr, Salt Lake City, Utah.
Camden and Atlantic RR.,
W. H. Brown, Philadelphia, Pa.
Canada Atlantic Ry.,
G. A. Mountain, Montreal, Que.
Canadian Government Railways,
C. Schreiber, Ottawa, Ont.
Cape Fear and Yadkin Valley Ry.,
H. L. Fry, Greensboro, N. C.
Cape Girardeau Southwestern Ry.,
Jas. F. Brooks, Cape Girardeau, Mo.
Caraquet Ry.,
Wm. Mann, Bathurst, N. B.
Carillon and Greenville RR.,
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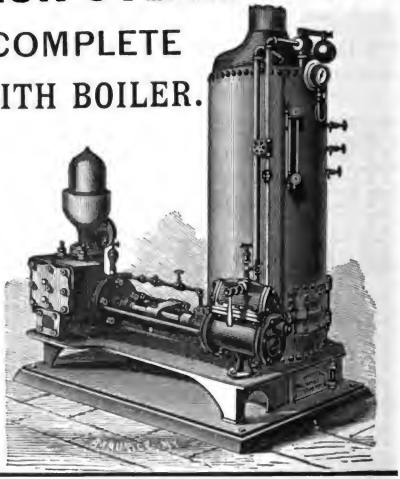

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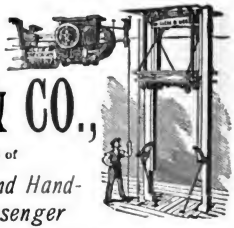

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J. N. Wilson, Morgantown, N. C.
Southern California Ry.,
F. T. Perris, San Bernardino, Cal.
Southern Pacific Co. (Pacific System),
Wm. Hood, San Francisco, Cal.
South Florida RR.,
T. L. Morton, Cons. Eng., Sanford, Fla.
South Mountain Ry.,
A. E. Lehman, Carlisle, Pa.
South Sioux Falls Ry.,
J. C. Barton, Sioux Falls, So. Dak.
Spokane Falls and Northern RR.,
E. J. Roberts, Spokane Falls, Wash.
Sterling Mountain Ry.,
E. B. Wilson, Sterlington, N. Y.
Stewartstown RR.,
W. W. Stewart, York Springs, Pa.
Stewiacke Valley and Landsdowne RR.,
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Stony Creek RR.,
Geo. B. Boggs, Eng., Norristown, Pa.
Suburban Rapid Transit Co.,
J. J. R. Croes, New York, N. Y.
Suffolk and Carolina RR.,
W. B. Cansey, Engr., Suffolk, Va.
Suwanee River Ry.,
P. W. O. Koerner, Eilaville, Fla.
Syracuse, Ontario and New York RR.,
Walter Katte, New York, N. Y.
Talbottom RR.,
T. R. Rersons, Talbottom, Ga.
Talladega and Coosa Valley RR.,
H. S. Watts, Renfroe, Ala.
Tennessee Midland Ry.,
R. H. Temple, Richmond, Va.
Terminal RR. Association of St. Louis,
H. P. Taussig, St. Louis, Mo.
Terre Haute and Indianapolis RR.,
A. J. Gibbons, Terre Haute, Ind.
Benj. McKeen, Terre Haute, Ind.
Texas Central RR.,
G. A. Quinlan, Engr., Corsicana, Tex.
Texas Panhandle Route,
F. E. Bissell, Denver, Col.
Texas, Sabine Valley and Northwestern Ry.,
R. J. Evans, Longview, Tex.
Texas Trunk RR.,
J. D. Trammell, Dallas, Tex.
Titusville, Cambridge and Lake Erie RR.,
F. P. James, Titusville, Pa.
Tobique Valley RR.,
C. L. B. Miles, Andover, N. B.
Toledo and Ohio Central Ry.,
C. Buxton, Toledo, O.
Toledo and Ohio Central Extension RR.,
Charles E. Gard, Marietta, O.
Toledo and South Haven RR.,
J. S. Cross, Bangor, Mich.
Toledo, Ann Arbor and North Michigan Ry.,
H. R. Riggs, Engr., Toledo, O.
Toledo, Columbus and Cincinnati Ry.,
C. Buxton, Toledo, O.
Toledo, Saginaw and Muskegon RR.,
George Mason, Detroit, Mich.
Toledo, St. Louis and Kansas City RR.,
A. L. Mills, Toledo, O.
Troy and Tiptonville RR.,
J. L. Fraser, Louisville, Ky.
Tucson, Globe and Northern RR.,
Chas. E. Walker, Tucson, Ariz.
Turtle Creek Valley RR.,
J. U. Crawford, Philadelphia, Pa.
Union Pacific Ry.,
V. G. Bogue, Omaha, Neb.
Union Pacific, Denver and Gulf RR.,
F. E. Bissell, Denver, Col.
Wabash RR.,
W. S. Lincoln, St. Louis, Mo.
Wallkill Valley RR.,
Walter Katte, New York, N. Y.
Washington and Potomac RR.,
James L. Meigs, Boston, Mass.
Western Maryland RR.,
J. E. Matthews, Engr., Baltimore, Md.
Western New York and Pennsylvania RR.,
R. D. McCreary, Buffalo, N. Y.
Western Ry. of Alabama.
W. H. Harrison, Engr. Const., Atlanta, Ga.
West Jersey RR.,
W. H. Brown, Philadelphia, Pa.
West Shore RR.,
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West Virginia Central and Pittsburgh, RR.,
James Parsons, Davis, W. Va.
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D. H. Rhodes, Wichita, Kan.
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Williamsport and Binghampton RR.,
P. E. Alden, Monroeton, Pa.
Williamsport and North Branch RR.,
W. A. Mason, Hughesville, Pa.
Wilmington and Northern RR.,
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Wilmington and Weldon RR., and
Wilmington, Columbia and Augusta RR.,
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Windsor and Annapolis Ry.,
K. Sutherland, Kentville, N. S.
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Worcester and Shrewsbury RR.,
C. A. Cleveland, Worcester, Mass.
Youghiogheny RR.,
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Zanesville and Ohio River RR.,
H. B. Dick, Zanesville, O.
Zealand Valley RR.,
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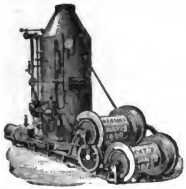

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Fig. 1.
Fig. 1 is a view of the Under Side of the Upper, or
ANTI-FRICTION BEARING.

Fig. 2.
Fig. 2 shows the Upper and Lower Bearings arranged for work.

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J. B. Taylor, Newbern, N. C.
Augusta, Gibson and Sandersville RR.,
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Baltimore and Ohio RR. (East of Ohio Riv.),
E. W. Grieves, Baltimore, Md.
Baltimore and Ohio Southwestern RR.,
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Baltimore Potomac RR.,
R. F. Downs, For. Car. Shop, Washington, D. C.
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O. Fairhurst, M. C. R., Brooklyn, N. Y.
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D. B. Overton, M. C. R., Brunswick, Ga.
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Carillon and Grenville RR.,
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S. A. Charpiot, Macon, Ga.
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J. Nickerson, M. C. R., Colusa, Cal.
Connecticut River RR.,
Robert Hitchcock, M. C. R., Springfield, Mass.
Covington and Macon RR.,
N. N. Boyders, M. C. R., Macon, Ga.
Crown Point Iron Company's RR.,
C. W. Sanders, Crown Point, N. Y.
Cumberland Valley RR.,
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R. McKenna, Scranton, Pa.
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East St. Louis and Carondelet Ry.,
F. Angevine, For. C. R., E. St. Louis, Ill.
East Louisiana RR.,
Jas. B. Elwall, M. C. R., New Orleans, La.
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Jos. Bossinger, Knoxville, Tenn.
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Farmville and Powhatan RR.,
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W. H. Ramseyer, Missouri Valley, Ia.
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Terre Haute and Peoria Ry.,
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Texas Trunk RR.,
Sam'l N. Wright, M. C. R., Dallas, Tex.
Ulster and Delaware RR.,
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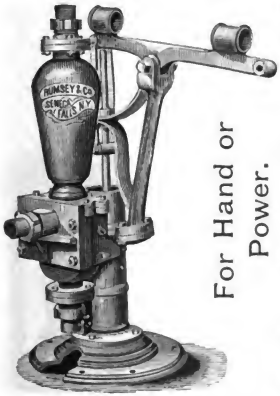

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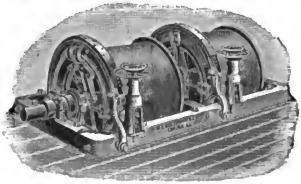

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Geo. L. Hubbell, Long Island City, N. Y.
Louisville and Nashville RR.,
P. P. Huston, Louisville, Ky.
Louisville, New Albany and Chicago RR.,
W. H. Folsom, Chicago, Ill.
Louisville, New Orleans and Texas Ry.,
A. M. Cooke, New Orleans, La.
Louisville, St. Louis and Texas Ry.,
Chas. P. Bush, Louisville, Ky.
Louisville Southern Ry.,
H. V. Harris, Louisville, Ky.
Maine Central RR.,
Payson Tucker, Portland, Me.

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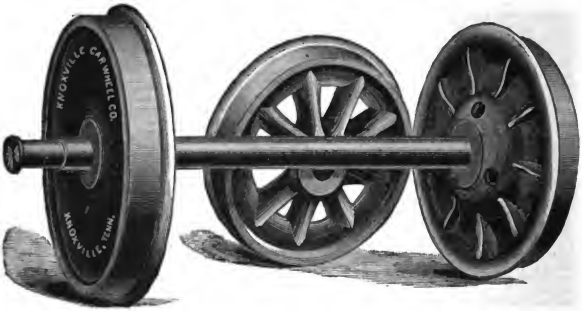
KNOXVILLE, TENN.



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Steam Hammers,
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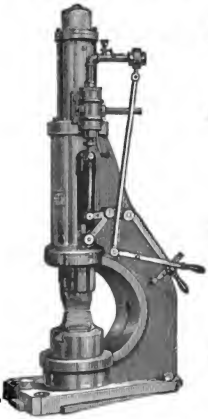

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H. W. Carey, Eastlake, Mich.
Manistee and Northeastern RR.,
F. A. Mitchell, Manistee, Mich.
Manitoba and Northwestern Ry.,
W. R. Baker, Port. la Prairie, Man.
Maricopa and Phœnix RR.,
F. I. Kendall, San Francisco, Cal.
Marietta and North Georgia RR.,
J. B. Glover, Marietta, Ga.
Mason City and Fort Dodge RR.,
C. C. Burdick, Mason City, Ia.
Mexican Central Ry. (Limited),
Theo. Nickerson, Boston, Mass.
Mexican National RR.,
Geo. Bernard, New York, N. Y.
Michigan Central RR.,
A. Bourn, Detroit, Mich.
Milwaukee and Northern RR.,
C. F. Dutton, Milwaukee, Wis.
Milwaukee, Lake Shore and Western Ry.,
H. W. Belghley, Milwaukee, Wis.
Milwaukee, Menominee Falls and Western Ry.,
A. H. Hadfield, Waukesha, Wis.
Mineral Range RR.,
R. H. Breisford, Hancock, Mich.
Minneapolis, Lyndale and Minnetonka Ry.,
John H. Beach, Minneapolis, Minn.
Minneapolis, St. Paul and Sault Ste. Marie Ry.,
W. T. Watkins, Minneapolis, Minn.
Mississippi River and Bonne Terre Ry.,
Jas. B. Wilde, Bonne Terre, Mo.
Missouri, Kansas and Texas Ry.,
C. N. Stevens, Sedalia, Mo.
Missouri Pacific Ry. System,
A. Gould, St. Louis, Mo.
Mobile and Ohio RR.
R. H. Duesberry, Mobile, Ala.
Monongahela Connecting RR.,
B. Page, Pittsburgh, Pa.
Mont Alto RR.,
G. B. Wiestling, Mont Alto, Pa.
Montgomery, Tuscaloosa and Memphis RR.,
A. S. Saparras, New York, N. Y.
Montour RR.,
Wm. Bald, Imperial, Pa.
Montpelier and Wells River RR.,
F. W. Morse, Montpelier, Vt.
Mount Jewett, Kinzua and Riterville RR.,
Tom M. McClellan, Mt. Jewett, Pa.
Nantucket RR.,
P. H. Folger, Boston, Mass.
Nashville, Chattanooga and St. Louis Ry.,
J. W. Thomas, Jr., Nashville, Tenn.
Natchez, Red River and Texas RR.,
H. R. Steele, Vidalia, La.
Nevada County Narrow-Gauge RR.,
J. F. Kidder, Grass Valley, Cal.
New Brunswick Ry.,
F. W. Cram, St. John, N. B.
Newburgh, Dutchess and Connecticut RR.,
Clove Branch RR.,
C. L. Kimball, Matteawan, N. Y.
Newport News and Mississippi Valley Co.,
H. E. Huntington, Covington, Ky.
New York and Long Branch RR.,
R. Blodgett, Long Branch, N. J.
New York and Massachusetts RR.,
J. A. Perkins, Poughkeepsie, N. Y.
New York and New England RR.,
R. E. Rockwell, Boston, Mass.
New York and Northern RR.,
G. G. Haven, Jr., New York, N. Y.
New York and Rockaway Beach Ry.,
G. L. Hubbell, Long Island City, N. Y.
New York Central and Hudson River RR.,
Chas. Reed, New York, N. Y.
New York, Chicago and St. Louis RR.,
M. M. Rodgers, Cleveland, O.
New York, Lake Erie and Western RR.,
E. B. Shiffer, New York, N. Y.
New York, New Haven and Hartford RR.,
H. A. Bishop, New Haven, Conn.
New York, Ontario and Western Ry.,
Chas. A. Draper, New York, N. Y.
New York, Providence and Boston RR.,
J. L. Hayden, Stonington, Conn.

New York, Susquehanna and Western RR.,
C. T. Demarest, Jersey City, N. J.
Norfolk and Western RR.,
W. C. De Armond, Philadelphia, Pa.
Norfolk Southern RR.,
M. K. King, Norfolk, Va.
Northern and Western Ry.,
J. B. Snowball, Chatham, N. B.
Northern Adirondack RR.,
Jno. Hurd, Santa Clara, N. Y.
Northern California RR.,
A. J. Binney, Marysville, Cal.
Northern Central Ry.,
E. Lewis, Philadelphia, Pa.
Northern Pacific RR.,
W. G. Pearce, St. Paul, Minn.
North Pacific Coast RR.,
W. F. Russell, San Francisco, Cal.
Ocean View RR.,
Stacy Van Amringe, Wilmington, N. C.
Ohio and Mississippi Ry.,
G. W. Stevens, Cincinnati, O.
Ohio, Indiana and Western RR.,
D. J. Peffers, Indianapolis, Ind.
Ohio Southern Ry.,
Thos. A. Rittenhouse, Springfield, O.
Old Colony RR.,
R. W. Husted, Boston, Mass.
Oregon and California RR.,
W. T. Bodley, Portland, Ore.
Pacific Coast Ry.,
J. M. Fillmore, San Luis Obispo, Cal.
Panama RR.,
G. Raynaud, New York, N. Y.
Peach Bottom RR.,
G. Renie Dicky, Oxford, Pa.
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Enoch Lewis, Philadelphia, Pa.
Pennsylvania, Poughkeepsie and Boston RR.,
W. Gibbs, Goshen, N. Y.
Pensacola and Andalusia RR.,
E. F. Skinner, Escambia, Fla.
Pensacola and Perdido RR.,
H. W. Simmons, Pensacola, Fla.
People's Ry.,
W. D. Pollard, Pottsville, Pa.
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T. B. Burnett, Peoria, Ill.
Peoria, Decatur and Evansville Ry.,
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Pittsburgh and Lake Erie RR.,
R. Evans, Pittsburgh, Pa.
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L. Thomas, Allegheny, Pa.
Pittsburgh, Marion and Chicago Ry.,
N. F. Wood, New Lisbon, O.
Pittsburgh, Shenango and Lake Erie RR.,
W. G. Sargeant, Greenville, Pa.
Pontiac, Oxford and Port Austin RR.,
W. C. Sanford, Pontiac, Mich.
Pontiac Pacific Junction Ry.,
Herbert L. Maltby, Montreal, P. Q.
Portland and Rochester RR.,
J. W. Peters, Portland, Me.
Prospect Park and Coney Island RR.,
Andrew R. Culver, Brooklyn, N. Y.
Providence and Springfield RR.,
Wm. Tinkham, Providence, R. I.
Quebec and Lake St. John Ry.,
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Queen and Crescent System,
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Forgings, Bridge Rods and Turnbuckles.

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CHAMFERED AND TRIMMED NUTS WITH DRILLED HOLES, A SPECIALTY.

Annual production of bar iron, 30,000 tons.

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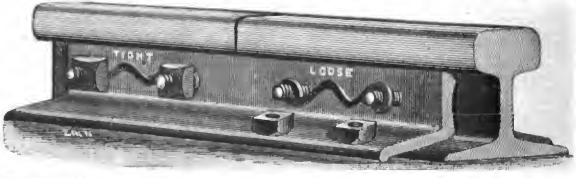
Automatic Nut Locks and Fish Plate Springs.



The Excelsior Automatic Nut Locks and Fish Plate Springs, the cheapest, most durable, and effective Nut Locks known. Sample lots furnished for trial free of expense, by forwarding the distance between centers of fish plate bolts.

SINGLE LOCK NUT.

These Nut Locks have been adopted by the New England Roadmasters, in Conventions held at Hartford, Conn., Oct. 19 and 20, 1887, and Boston, Mass., August 15 and 16, 1888, as the best Nut Lock known. Correspondence solicited.

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Rochester and Lake Ontario RR.,
N. H. Galusha, Rochester, N. Y.
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Eben Hillyer, Rome, Ga.
Rome, Watertown and Ogdensburg RR.,
E. Parsons, New York, N. Y.
Rumford Falls and Buckfield RR.,
L. L. Lincoln, Canton, Me.
St. Croix and Penobscot RR.,
S. W. Haycock, Calais, Me.
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W. J. Jarvis, St. Augustine, Fla.
St. Johnsbury and Lake Champlain RR.,
Geo. F. Hurd, Boston, Mass.
St. Louis, Alton and Springfield RR.,
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F. W. Schaurte, St. Louis, Mo.
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Wm. Irving, Chicago, Ill.
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Sonora Ry.,
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South Carolina Ry.,
H. L. White, Charleston, S. C.
Southern California Ry.,
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C. Trumpy, New Orleans, La.
Southern Pacific Co. (Pac. System),
Timothy Hopkins, San Francisco, Cal.
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Staten Island Rapid Transit,
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Stony Clove and Catskill Mountain RR.,
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Chas. Reed, New York, N. Y.
Talbotton RR.,
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Tavares, Orlando and Atlantic RR.,
W. B. Tucker, Orlando, Fla.
Temiscouata Ry.,
T. Crockett, Riv. du Loup, Que.
Tennessee Central RR.,
P. V. Mooney, Spring City, Tenn.
Tennessee and Ohio Ry.,
E. J. Sandford, Knoxville, Tenn.
Terre Haute and Indianapolis RR.,
C. R. Peddle, Terre Haute, Ind.
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Texas Western Ry.,
S. Packard, Houston, Tex.
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C. A. Carlisle, Toledo, O.
Toledo, Findlay and Springfield Ry.,
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Hume Yerington, Carson City, Nev.
Wabash RR.,
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Wabash, Chester and Western RR.,
J. R. Hawkins, Chester, Ill.
Waterloo and Magog RR.,
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Western and Atlantic RR.,
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Jas. Brignell, Yarmouth, N. S.
Western Maryland RR.,
R. J. Adair, Baltimore, Md.
Western New York and Pennsylvania RR.,
J. H. Poole, Buffalo, N. Y.
West Jersey RR.,
Enoch Lewis, Philadelphia, Pa.
Weston and Buckhannon RR.,
A. H. Kunst, Weston, W. Va.
West Shore RR.,
Chas. Reed, New York, N. Y.
West Virginia Central and Pittsburgh RR.,
Hopewell Hebb, Cumberland, Md.
Wheeling and Elm Grove RR.,
Charles Hirsch, Wheeling, W. Va.
Wheeling and Lake Erie Ry.,
W. R. Woodford, Toledo, O.
White and Black River Valley Ry.,
W. J. Thompson, Little Rock, Ark.
Wilkesbarre and Western RR.,
S. H. Hicks, Philadelphia, Pa.
Wilmington and Northern RR.,
A. G. McCausland, Wilmington, Del.
Winifrede RR.,
James Faulkner, Winifrede, W. Va.
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Fig. 1.

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This Forge is made especially for Iron Ship Builders, Boilermakers, Iron Bridge and Tank builders, and for use where forges are required to be carried from place to place, or left exposed to the weather. Its construction is simple. The blast is upright, continuous and positive. The gas is effectually prevented from being drawn into the bellows by means of a check valve (as shown in fig. 2).

We will send this forge on 30 days' trial to any responsible party, and if not entirely satisfactory, to be returned at our expense. **Adopted by the following Railroad Systems:**

Fig. 2.

Sectional View.

Central Vermont R. R., St. Albans, Vermont.
Chicago & Grand Trunk R.R., Port Huron, Michigan.
Kansas City, Fort Scott & Memphis R.R., Kansas City, Mo.
Michigan Central R.R., Jackson, Michigan.
Grand Rapids & Indiana R.R., Grand Rapids, Mich.
Flint & Pere Marquette R.R., East Saginaw, Mich.
Chicago, Milwaukee & St. Paul R.R., Milwaukee, Wis.
New York, Lake Erie & W. R R., Buffalo, N. Y.
Maine Central Railroad, Portland, Maine.
Delaware, Lackawanna & Western R.R., Scranton, Pa.
Richmond & Dansville R.R., Manchester, Va.
Pennsylvania Co., Allegheny City, Pa.
Burlington & Missouri River R.R., Plattsmouth, Neb.
Philadelphia & Reading R.R., Reading, Pa.
Pittsburg, Cincinnati & St. Louis R.R., Columbus, O.
Pennsylvania Co., Fort Wayne, Ind.
Lake Shore & Michigan Southern R.R. Co., Elkhart, Ind.
Huntington & Broad Top Mtn. R.R. Co., Saxton, Pa.

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Special List of Master Mechanics of all Railroads given in List of Officials, Preceding.

(Heads of Departments only given in this List; for Assistants and Division Officers see General List of Officials.)

Addison and Pennsylvania RR.,
B. Giles, Mast. of Mach., Addison, N. Y.
Alabama Midland Ry.,
W. J. Heylow, Supt. Mot. Pow., Troy, Ala.
Allegheny Valley RR.,
John C. Glass, Verona, Pa.
Alma and Little Rock RR.,
W. J. Adams, Alma, N. C.
Annapolis and Baltimore Short Line RR.,
Jas. Chalk, Annapolis, Md.
Annapolis, Washington and Baltimore RR.,
J. L. Beall, Annapolis, Md.
Arizona and New Mexico RR.,
A. Wallace, Clifton, Ariz.
Arkansas Midland RR.,
J. L. Worthley, Helena, Ark.
Ashland Coal and Iron Ry.,
E. M. Roberts, Supt. M. P. M., Ashland, Ky.
Atchison, Topeka and Santa Fé RR.,
Harvey Middleton, Supt. Mach., Topeka, Kan.
Atlanta and Florida RR.,
G. S. Howden, Atlanta, Ga.
Atlantic and North Carolina RR.,
Basil Manly, Supt. M. P. & M., Newbern, N. C.
Atlantic and Pacific RR.,
G. A. Hancock, Gen. M. M., Albuquerque, N. M.
Atlantic City RR.,
L. B. Paxson, Supt. Mot. Pow., Reading, Pa.
Atlantic Coast Line,
John O'Brien (RRs. north Weldon), Richmond, Va.
John Bissett (RRs. south Weldon), Wilmington, N. C.
Augusta, Gibson and Sandersville RR.,
F. W. Reaney, Mast. Mach., Augusta, Ga.
Baltimore and Eastern Shore RR.,
Fred. Ridings, Mast. Mach., Berlin and Easton, Md.
Baltimore and Ohio RR.,
A. J. Cromwell, Supt. Mot. Pow., Baltimore, Md.
S. B. Crawford, Baltimore, Md.
J. M. Marsteller, Martinsburg, W. Va.
J. E. Gleeson, Piedmont, W. Va.
John Adair, Grafton, W. Va.
Alex. Laird, Wheeling, W. Va.
Baltimore and Ohio RR. (Trans. Ohio Div.),
W. H. Harrison, Supt. Mot. Pow., Newark, O.
Baltimore and Ohio RR. (Phila. Div.),
Thos. Trezise, Philadelphia, Pa.
Baltimore and Ohio RR. (Pittsburgh Div.),
I. N. Kalbaugh, Glenwood, Pa.
Baltimore and Ohio Southwestern RR.,
E. Evans, Chillicothe, O.
Baltimore and Potomac RR.
J. M. Wallis, Supt. Mot. Pow., Philadelphia, Pa.
Bangor and Piscataquis RR.,
C. S. Nason, Bangor, Me.
Bangor and Portland RR.,
S. Rasner, Bangor, Me.
Barclay Coal RR.,
Daniel McCarthy, Foot of Plane, Pa.
Barre RR.,
J. M. Boutwell, Barre, Vt.
Bath and Hammondsport RR.,
Geo. W. Witt, Hammondsport, N. Y.
Beech Creek RR.,
L. Ames, Jersey Shore, Pa.
Bellaire, Zanesville and Cincinnati Ry.,
D. L. Fusner, Zanesville, O.
Bennington and Glastenbury RR.,
C. C. Clapp, Mast. of Mach., Bennington, Vt.
Bennington and Rutland Ry.,
Chas. J. McMaster, Mast. of Mach., Rutland, Vt.
Birmingham, Selma and New Orleans Ry.,
J. D. Fitzgerald, Selma, Ala.
Birmingham, Sheffield and Tennessee River Ry.,
J. T. Edwards, Sheffield, Ala.
Bishopville RR.,
C. N. Collins, Mast. of Mach., Atkins, S. C.
Bodle and Benton Ry. and Commercial Co.,
E. L. Reese, Bodle, Cal.
Boston and Albany RR.,
A. B. Underhill, Supt. M. P. & M., Springfield, Mass.
Boston and Maine RR.,
Wm. Smith, Supt. M. P. & M., Boston, Mass.
Boston, Revere Beach and Lynn RR.,
Boston, Winthrop and Shore RR.,
R. D. Sutherland, Boston, Mass.
Bradford, Bordell and Kinzua RR.,
Bradford, Eldred and Cuba RR.,
C. Greenough, Bradford, Pa.
Bridgton and Saco River RR.,
M. M. Caswell, Bridgton, Me.
Brooklyn and Brighton Beach RR.,
W. Finley, Brooklyn, N. Y.
Brooklyn Elevated RR.,
O. Fairhurst, Mast. of Mach., Brooklyn, N. Y.
Brunswick and Western RR.,
D. B. Overton, Mast. Mach., Brunswick, Ga.
Buffalo, Rochester and Pittsburgh RR.,
Alonzo Dolbeer, Supt. M. P. & M., Rochester, N. Y.
Burlington and Missouri River RR. in Neb.,
D. Hawksworth, Supt. Mot. Pow., Plattsmouth, Neb.
E. S. Grensel, Plattsmouth, Neb.
J. C. Salsbery, Lincoln, Neb.
A. B. Pirie, Wymore, Neb.
R. B. Archibald, McCook, Neb.
Burlington and Northwestern Ry.,
Burlington and Western RR.,
Adam Metz, Burlington, Ia.
Burlington, Cedar Rapids and Northern Ry.,
R. W. Bushnell, Cedar Rapids, Ia.
Cady Mills Branch Ry.,
D. W. Davis, Cady Mills, Wis.
Camden and Atlantic RR.,
Rufus Hill, Camden, N. J.
Canada Atlantic Ry.,
M. Donaldson, Mast. of Mach., Ottawa, Ont.
Canadian Pacific Ry. (Western Div.),
W. Cross, Winnipeg, Man.
Canadian Pacific Ry. (Pacific Div.),
L. R. Johnson, Vancouver, B. C.
Cape Fear and Yadkin Valley Ry.,
Isaac W. Clark, Fayetteville, N. C.
Cape Girardeau Southwestern Ry.,
F. Glover, Cape Girardeau, Mo.
Caraquet Ry.,
John Rennie, Bathurst, N. B.
Carolina Central RR.,
James Maglenn, Laurinburg, N. C.
Carson and Colorado RR.,
Charles Quinn, Hawthorne, Nev.
Catasauqua and Fogelsville RR.,
John Thomas, Mast. of Mach., Hokendaugua, Pa.
Catskill Mountain RR.,
John L. Driscoll, Catskill, N. Y.
Central Ontario Ry.,
James Falconer, Trenton, Ont.
Central RR. and Banking Co. of Ga.,
T. L. Chapman, Supt. Mot. Pow., Savannah, Ga.

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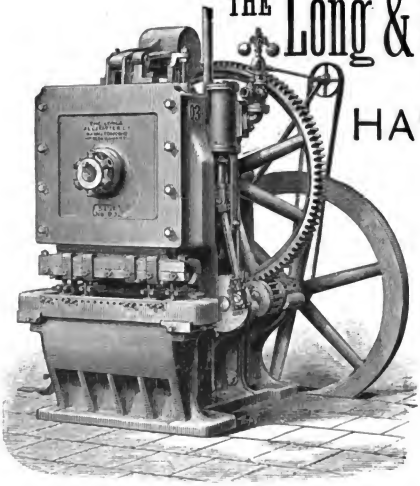

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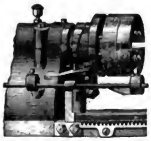

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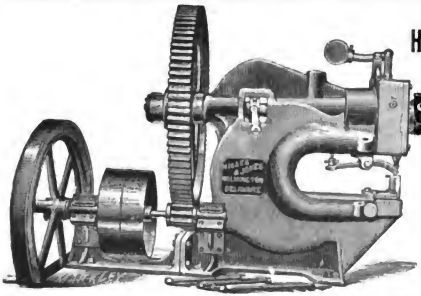

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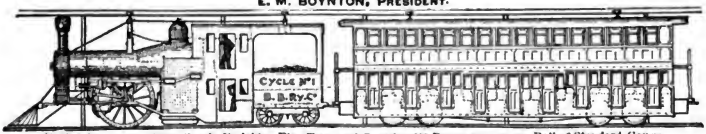

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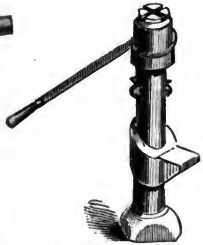

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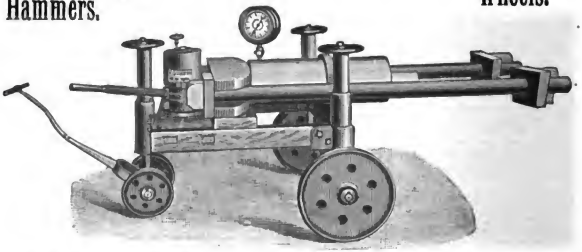

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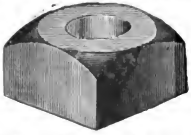

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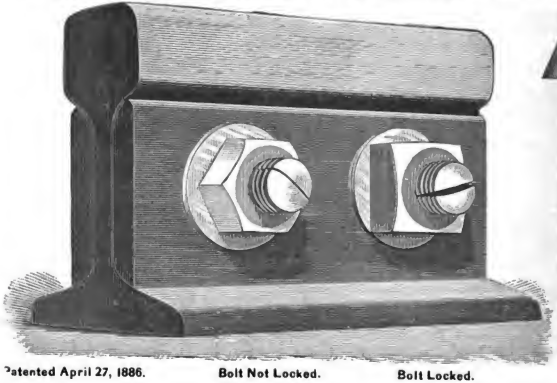

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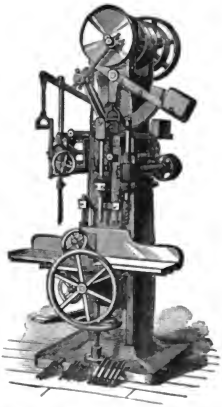

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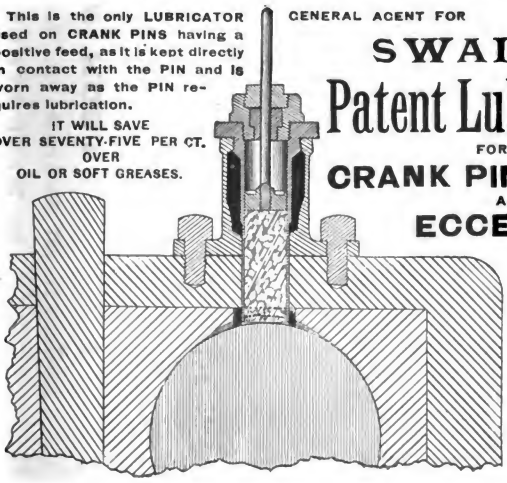

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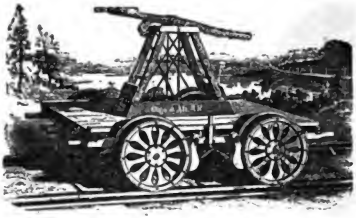

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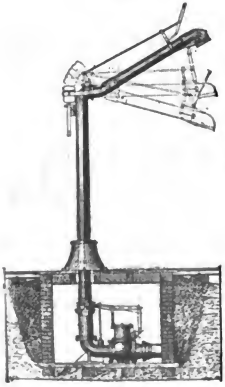

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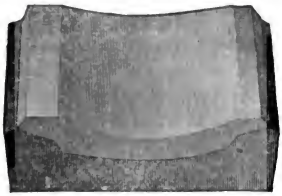
Magnolia Anti-Friction Metal Co.

NEW YORK. LONDON. CHICAGO. BERLIN.

MAGNOLIA ANTI-FRICTION METAL

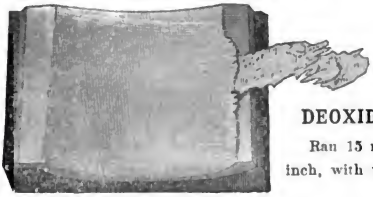
Tested with three well-known metals, showing their comparative value for Journal Bearings. Diameter shaft, 5 in.; revolutions per minute, 1600; velocity of rubbing surface, 2088 ft. for all the metals.



MAGNOLIA METAL.

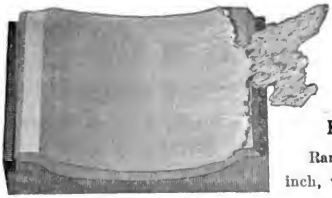
Ran 50 minutes with 1200 lbs. per square inch, then 25 minutes with 1425 lbs. per square inch, with this result.

This test, compared with a 60,000-lb. freight car running 40 miles per hour (which figures out 352 revolutions per minute, 315 lbs. pressure per square inch, and 352 feet per minute velocity of rubbing surface), shows the great value of Magnolia Metal for Railroad service.



DEOXIDIZED GENUINE BABBITT.

Ran 15 minutes with 1000 lbs. per square inch, with this result.



HOYT'S GENUINE BABBITT.

Ran 5 minutes with 1000 lbs. per square inch, with this result.

POST'S ZERO METAL.

Ran 10 minutes with 1200 lbs. per square inch, with this result.

Correct.

H. G. Torrey.

Charles Taylor, *Assistant.*

Certified to by H. G. TORREY, who is a member of American Society Mechanical Engineers, and has been Assayer at U. S. Mint, N. Y., for 30 years.

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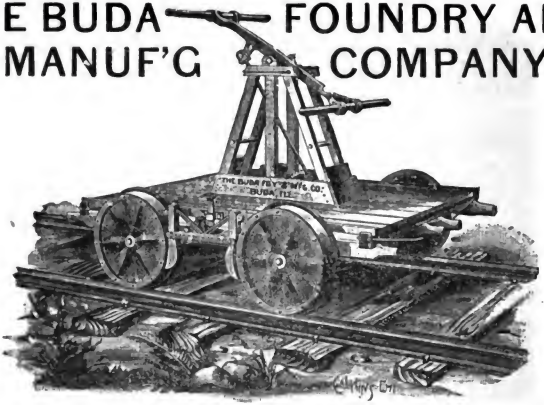

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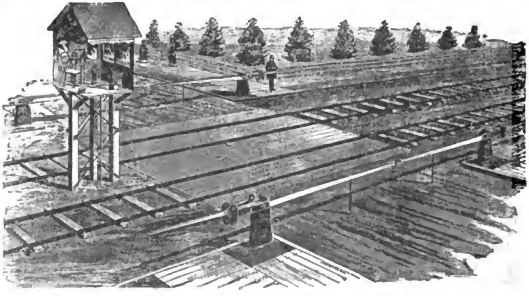

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